

CAL POLY ITE

2023-2024

CAL POLY ITE RESUME BOOK

*An Annual Compilation of Cal Poly ITE
Member's Resumes*

Prepared by Richard Frerking, Cal Poly ITE Secretary



WORDS FROM OUR PRESIDENT

The Cal Poly ITE chapter, established in 1974, connects and educates young aspiring transportation professionals. Growing significantly, it facilitates networking, exploration of career opportunities, and community impact through sessions, site tours, conferences, and events. Our ever-expanding chapter introduces new initiatives like Mario Kart, the SLO Transpo Mixer, Student Leadership Summit, and increased volunteering and social activities. Exciting developments are always on the horizon!



"Thank you for being a sponsor of Cal Poly ITE. Without your support, our membership wouldn't be able to plan or attend as many great events as we do. Our members represent a diverse group of individuals with varying experience, talents, and skills, but one thing in common is their shared passion for transportation. Their resumes are compiled here for your review. Please feel free to contact them as you like. Once again, I thank you for your continual support!"

- Joey Watson, Cal Poly ITE President

THANK YOU FOR YOUR CONTINUED SUPPORT!



CHRISTINA E. AGOPIAN

(805)-815-9186 | cago6421@gmail.com | Hometown: Port Hueneme

EDUCATION	California Polytechnic State University-San Luis Obispo	2023 - 2027
	Civil Engineering Major	
	3.6 GPA	2019 - 2023
	Adolfo Camarillo High School	
	4.0 unweighted GPA	
	Top 8% of class	

EXPERIENCE	AVID CROSS-AGE TUTOR	August 2022 - June 2023
	<ul style="list-style-type: none">Monitored freshmen student gradesMediated their collaborative study groups (CSGs)Connected with the underclassmen and gave them advice	
	PRESIDENT OF MUSIC PROGRAM	August 2022 - June 2023
	<ul style="list-style-type: none">Created agendas for biweekly meetingsCommunicated regularly with boosters, directors, and my cabinet teamRaised awareness in community for our concerts and coordinated a new fundraiserVolunteered 51.5 hours during events hosted by the Music Program	
	FLUTE SECTION LEADER - MARCHING BAND	June 2021- December 2022
	<ul style="list-style-type: none">Taught music & marching technique to my sectionProvided constructive criticism during sectionalsOrganized bonding events to develop closer relationships	

ACTIVITIES	KIWINS Club	2019-2023
	AVID Club	2019-2023
	Marching Band	2019-2023
	National Honors Society (NHS)	2020-2023
	California Scholarship Federation	2021-2023

SKILLS	Bilingual	Time-Management	Project-Planning
	English	5 leadership positions, 152	Food Drive through NHS,
	Armenian	volunteer hours, 300+ hours of marching band	Holiday Bash & Banquet for Music Program

AWARDS	Principal's Honor Roll	Validictorian	Director's Choice	Edison Scholarship Winner
	2022	2023	2023	2023

REFERENCE	MIGUEL SANCHEZ	DANIEL COOK	CAMERON GUERRERO
	ACHS AVID teacher	ACHS Administrator	ACHS Music Director
	805-389-4665	805-484-6362	805-834-1486
	miguel.sanchez@oxnardunion.org	daniel.cook@oxnardunion.org	cameron.guerrero@oxnardunion.org

TYLER KAUHOLONUIMOKU BUSH, EIT (He/Him)

San Luis Obispo Area

(925) 558-5865 • tylerkabush@gmail.com • linkedin.com/in/tylerkabush

EDUCATION

California Polytechnic State University

San Luis Obispo, CA

Bachelor of Science: **Civil Engineering**, June 2024

GPA: 3.34

TECHNICAL SKILLS

Software: AutoCAD Civil 3D, Microstation Bluebeam, Synchro 11, Microsoft Office, Google Suite

Coursework: Traffic Engineering, Land Use Law, Surveying, Advanced Civil 3D, Hydraulic Systems, Environmental Permitting, Financial Decision Making and Programming Applications for Engineers

EXPERIENCE

CONSOR Engineers, San Luis Obispo, CA

Transportation Planning and Design Intern

Jun 2023 – Present

- Developed multiple exhibits including R/W limits and acquisition, utility maps, conceptual designs, construction easements, and environmental impact areas in AutoCAD using existing base files.
- Designed, annotated, and cut sheets for curb ramps along project corridor using Caltrans and City of Pismo standards.
- Performed quantity check and take for multiple roadway and bridge improvement projects across District 5 using the plan sheet and the corridor and topo surfaces in CAD.

Cal Poly, San Luis Obispo, CA

Cal Poly ITE – SLS Coordinator

May 2023 – Present

- Collaborated with and led planning team to develop comprehensive itinerary for student and professional activities for the Cal Poly hosted – ITE Student Leadership Summit (SLS).
- Conducted outreach to industry professionals for sponsorship and technical presentations.
- Exercised general event planning duties including venue, catering, and obstacles working with Cal Poly to secure space and food for Summit events.

City of San Luis Obispo, San Luis Obispo, CA

Civil Engineering Intern

Jun 2022 – May 2023

- Supported City engineers with gathering field data, data entry with Excel, and Civil 3D design.
- Assisted in plan review of park projects, bus stop project, railroad fencing project, and curb ramp projects.
- Aided City inspectors on construction sites by observing and taking field measurements.

Society of Civil Engineers Cal Poly, San Luis Obispo, CA

PSWS Transportation Design Team Member

Jan 2022 – March 2022

- Collaborated with 8 other students to create and present a poster at CSU Northridge.
- Performed traffic simulations using Synchro to compare our proposed design to existing conditions.
- Assisted in technical report writing of alternative solutions, design challenges, and traffic analysis.

INVOLVEMENTS

Institute of Transportation Engineers Cal Poly | *Club Officer*

Oct 2022 – Present

Society of Civil Engineers Cal Poly | *Active Member*

Oct 2022 – Present

Jillian Buteau

(209) 405-1411 | buteaujillian@gmail.com | www.linkedin.com/in/jillian-buteau

EDUCATION

California Polytechnic State University, San Luis Obispo

B.S. **Civil Engineering** expected March 2025

GPA: 3.41

Emphasis: **Transportation**

President's Honor List 2021, 2023

Relevant Courses: Fundamentals of Transportation Engineering, Geotechnical Engineering,
Water Resources Engineering, Structural Engineering, Construction Management

ENGINEERING WORK EXPERIENCE

Traffic Engineering Intern (40 hrs/week)

June 2023–September 2023

San Francisco International Airport

San Francisco, CA

- Performed a traffic study with pneumatic road traffic counters and analyzed the airport's traffic patterns to determine the high demand times of day for the annual traffic report
- Collected turning movement data at 15 airport property intersections for the traffic report
- Recommended improvements for wayfinding and roadway signage for drop-off gates, hourly parking, and Uber and Lyft waiting lots
- Redesigned a public use area to add more seating and increase signage consistency with

Project Management Student Intern (40 hrs/week)

June 2022–July 2022

San Francisco Public Utilities Commission

Jamestown, CA

- Worked in the Capital Improvement Project Management Department on several dam, pipeline, and additional infrastructure projects
- Analyzed Contractor Bid & Award Documents for a pipeline project

ENGINEERING EXPERIENCE AND INVOLVEMENT

Cal Poly Engineers Without Borders, Project Manager, Team Fiji

December 2022–Present

- Led a team of student engineers for in-country project monitoring and evaluation
- Managed the Health and Safety practices of our team while traveling internationally
- Gathered survey data to get feedback on implemented projects and conduct a census
- Collaborated on a small team to write technical documents, including pre & post implementation and monitoring & evaluation paperwork, construction manuals, and data collection sheets
- Estimated project materials to be purchased in-country for a solar borehole pump system
- Presented at the EWB National Conference on the Mali Water Supply Project, highlighting the pillars of sustainability used in the project's designed systems

Institution of Transportation Engineers, Treasurer

May 2023–Present

- Manage chapter finances, collect memberships fees, and submit reimbursement requests
- Attended Women's Transportation Seminar in Atlanta, GA

SKILLS AND INVOLVEMENT

Computer Skills: AutoCAD, BlueBeam Revu, Primavera P6, Microsoft Word/Excel/Powerpoint, CreativeCloud, InDesign/Illustrator/Photoshop

Lifeguard at ASI Cal Poly SLO (2–13 hrs/week)

February 2021–February 2023

Chi Epsilon, Member

February 2022–Present

Gabriel Denson, EIT, ENV SP

(916) 474-9255 | gabedenson10@gmail.com | [linkedin.com/in/gabriel-denson](https://www.linkedin.com/in/gabriel-denson)

Education

California Polytechnic State University, San Luis Obispo

Master of Science in Civil and Environmental Engineering – June 2024

Master's GPA: 3.88

Bachelor of Science in Civil Engineering – June 2024

Bachelor's GPA: 3.40

Minors in Construction Management, Sustainable Environments, and Heavy Civil

Civil Engineering Experience

Transportation Engineering Intern – Consor, San Luis Obispo

Jun. 2023 - Present

- Assisting project engineers and project managers in planning and designing roadway corridors, bridge and roadway rehabilitations, intersection realignments, and emergency infrastructure reconstruction
- Preparing project plans, quantity takeoffs, and estimate documents for PS&E package submittals

Student Research Assistant – Shared Electric Vehicle Research Project

Mar. 2023 - Present

- Creating an impact study for shared EV fleet services on university campuses and in neighboring communities
- Preparing infrastructure and operational improvement suggestions to local and municipal entities

Team Captain – ASCE Innovation Contest National Competition

Jan. 2023 – Oct. 2023

- Led a team of peers to plan, design, and propose a full-cycle wave energy conversion system that converts kinetic energy from ocean waves to usable onshore electricity
- Oversaw project schedules, budget estimates, design calculations, and preparation of proposal documents

Transportation Design Lead – Cal Poly Senior Design Project

Jan. 2023 – Jun. 2023

- Worked with a team of peers to plan, design, and propose a highway interchange along SR46 in Paso Robles
- Designed the interchange layout, connections to arterial roads, and environmental mitigation strategies

Civil Design Lead – ASCE Sustainable Solutions Design Competition

Jan. 2023 – Apr. 2023

- Collaborated with a team to design, analyze, and plan for the redevelopment of a downtown urban parcel
- Designed parking lot improvements, multi-modal facilities, and on-site infiltration systems following Envision

Transportation Engineering Intern – Dewberry, Rancho Cordova

Jun. 2021 – Jan. 2023

- Assisted project engineers with roadway corridor modeling and design for road rehabilitation and improvements, bridge replacements, interchanges, and highway corridors using Civil 3D and MicroStation
- Calculated project quantities, prepared estimates, and created plan sets for PS&E submittal packages

Technical Skills

Proficient using: Civil 3D, MicroStation, Bluebeam, SketchUp, Revit, ArcGIS Pro, Microsoft Word/Excel/PowerPoint

Leadership/Involvement

Treasurer – American Society of Civil Engineers, Cal Poly Chapter

May 2023 - Present

- Managing club finances, setting annual officer budgets, and coordinating corporate sponsorship opportunities

President – American Society of Civil Engineers, Cal Poly Chapter

May 2022 – May 2023

- Oversaw an officer board of 21 officers and a student chapter with over 300 active members
- Assisted in event planning, chapter budget management, and industry outreach opportunities

Alumni Relations – Institute of Transportation Engineers, Cal Poly Chapter

May 2022 – May 2023

- Managed the chapter's alumni network, prepared quarterly newsletters, and planned annual alumni events

Vice President of Events – American Society of Civil Engineers, Cal Poly Chapter

May 2021 - May 2022

- Oversaw a committee in planning, advertising, and coordinating student chapter events

Member – National Society of Black Engineers, Cal Poly Chapter

Sep. 2019 - Present

Member – Society of Hispanic Professional Engineers, Cal Poly Chapter

Sep. 2019 - Present

Awards and Certifications

Outstanding Graduating Student – Cal Poly College of Engineering

Jun. 2023

Industry Advisory Board's Certificate of Excellence – Cal Poly Civil and Environmental Engineering Dept.

May 2023

Envision Sustainability Professional (ENV SP) – Institute for Sustainable Infrastructure

Dec. 2022

Engineer in Training (EIT) – California BPELSG

Sep. 2022

Eagle Scout – Boy Scouts of America

Jan. 2019

Sophie Dixon

Mountain View, CA • sdixon01@calpoly.edu • 650-636-3604

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science in Civil Engineering

San Luis Obispo, CA
Class of 2026

- Relevant Coursework: CAD in Civil Engineering (AutoCAD, Revit), Introduction to Transportation Engineering, Land Surveying

Study Abroad | Oregon State University | Sustainable Mobility

Delft, The Netherlands
June – July 2023

- Experienced and reported on Dutch facilities visited throughout Holland.
- Final Project to redesign local U.S. corridor with experienced Dutch-style infrastructure.

EXPERIENCE

City of Menlo Park | Civil Engineering - Transportation Intern

Menlo Park, CA
June – September 2023

- Assisted project managers with the citywide signage and striping program.
- Independently performed field inspections, reported on, and analyzed resident complaints.
- Organized city's bike infrastructure information reapplied for Bike Friendly Community status.
- Collected and updated lighting data for city's GIS database.

Cal Poly New Students Program | WOW Orientation Leader

San Luis Obispo, CA
September 2023

- Organized and executed 9 full days of activities and events for 20 first-year students.
- Volunteered over 130 hours for program during planning, trainings, and the week.

Ameswell Hotel | Restaurant Host & Barista

Mountain View, CA
May 2021 – January 2022

- Welcomed guests, took initial requests, and delivered orders to 100-200 guests.
- Scheduled and organized reservations and private events, and managed phone orders.
- Established daily and weekly equipment maintenance and cleaning procedures.

INVOLVEMENT

Institute of Transportation Engineers | Cal Poly SLO Chapter Officer

September 2022 – Present

- Plan and execute socials and bonding events throughout the year as Social Coordinator.
- Planning the 2024 Western Student Leadership Summit for over 150 students and professionals.
- Represented Cal Poly SLO at ITE Western District & International Annual Meeting 2023 and Transportation Research Board 2024.

Society of Civil Engineers | Cal Poly SLO PSWS 2024 Team Member

November 2023 – Present

- Representing Cal Poly for Transportation at the Pacific Southwest Symposium

College of Engineering Ambassador

October 2022 – Present

- Represents and gives tours of Cal Poly's College of Engineering to prospective students, industry representatives, and alumni.
- Present on and demonstrate understanding of the general curriculum of majors in the College of Engineering.

Choir Section Leader & Council Board Member

Mountain View, CA
August 2018 – June 2022

- Organized weekly sectionals, coached individually as needed, communicated current and projected performance standards to director.
- Coordinated & led teamwork activities for 120 members during annual retreat.
- Performed in over 50 community concerts in December 2021.

Society of Women Engineers | Spring SWE Welcome Host

September 2022 – Present

Cal Poly Advanced Women's Chorus | ACDA Western Conference Performer

September 2022 – Present

Skills & Interests

Language: Proficiency in French

Interests: Music, Baking and Cooking, Multimodal Infrastructure, Water-color Painting, Hiking, Volleyball, Travelling

Brenden Do

Livermore, CA 94550 | (510)679-8694 | brendendo123@gmail.com | linkedin.com/in/brendendo

Education

California Polytechnic State University – San Luis Obispo	Bachelor of Science in Civil Engineering GPA: 3.0	December 2024
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Relevant Coursework: Computer Aided Drafting in CE, Design Principles in CE, Statics, Dynamics, Mechanics of Materials, Fluid Mechanics, Fundamentals of Transportation Engineering, Structural Engineering, Geotechnical Engineering, Reinforced Concrete Design

Experience

ENGINEERING INTERN | OAKLAND DEPARTMENT OF TRANSPORTATION | JUNE 2022 – PRESENT

- Draft engineering design plans in AutoCAD that support traffic and school safety improvements
- Collect data in the field including traffic speed, volume, classification, and geometric roadway conditions
- Worked on various traffic calming & safe streets projects

CONFERENCE COORDINATOR | CAL POLY ITE | MARCH 2023 - PRESENT

- Plan SLS (Student Leadership Summit) to provide valuable networking opportunities and connections between students and industry professionals.
- Engage with community and general members through transportation related activities.

TUTOR | KUMON | JUNE 2017 – MARCH 2021

- Worked with young students to build strong foundations in math and reading
- Taught middle and high school students' algebra and calculus to further their understanding of math

Skills & Abilities

- | | |
|--------------|------------------------|
| • AutoCAD | • Adobe Creative Cloud |
| • Excel | • ArcGIS |
| • Revit | • Bluebeam |
| • Office 365 | |

Awards

- Dean's List | Spring 2023

Community Involvement and Extracurriculars

THAI VIETNAMESE STUDENT ASSOCIATION | CAL POLY SLO | SEPTEMBER 2021 – PRESENT

- Social cultural club for students to share, discuss, and appreciate cultural values
- Active member in the Big/Little program to mentor younger students and assist with the college transition

INSTITUTE OF TRANSPORTATION ENGINEERS | CAL POLY SLO | SEPTEMBER 2022 – PRESENT

- Involved as a general member attending company meetings and social events
- Spend time as a an officer planning events and reaching out to professionals

Gabriel Duval
(916)-272-4224 (cell)
gabefduval@gmail.com (personal)
Sacramento, California

I am a second year student at Cal Poly San Luis Obispo. I am pursuing a bachelor's degree in Civil Engineering and I am looking to get my first internship.

Education and Leadership:

- Attending California State University Cal Poly San Luis Obispo
 - Majoring in Civil Engineering, and expecting to graduate in 2026
- Two leadership roles in the Cal Poly Society of Civil Engineers
 - Committee member for our Mentorship program designed to help first years become involved
 - Logistics officer for the winter career fair planning committee

Skills and Personal Traits:

- Reliable and responsible
- Friendly, socially adept, works well with a team
- Desire to acquire new skills and solve problems

Technical Skills:

- Land Surveying
- Experience in AutoCAD, Revit, Fusion 360, Solidworks
- Technical writing
- Self-taught programming including Python, C++, and Basic

Project Experience:

- Part of a research project on the Sacramento Delta
 - The purpose of the project is to analyze sea level rise and levee subsidence, and its impacts on the surrounding land
- Writing the Cal Poly SCE chapter's technical paper for the national Daniel Mead writing competition

Work Experience:

- Barista at T4U for 11 months (September 2021 - August 2022)
- Summer Camp Educator at Fairytale Town for 4 months (June - September 2023)

References available upon request

ASHLEY ESQUERRA

La Habra, CA | (562) 713-8048 | esquerrashley@gmail.com

EDUCATION:

California Polytechnic State University, San Luis Obispo | 2022-2026

Major: Civil Engineering | 3.69 GPA

La Habra High School | 2018-2022

4.94 Weighted GPA | 4.0 Unweighted GPA

RELEVANT EXTRACURRICULARS:

Society of Civil Engineers

Recording Officer | May 2023 - May 2024; Member | September 2022 - Present

- Elected as Recording Officer which involves creating and organizing an Annual Report submitted to ASCE, facilitating goal planning meetings, and implementing our goals throughout the term
- Acquired inspiration for chapter business through discussions and networking experiences at the 2023 ASCE Workshop for Student Chapter Leaders, will be attending 2024 WSCL
- Competed in the Pacific Southwest Symposium; selected to compete with the Surveying team in 2023 and 2024
- Selected to attend the ASCE National Convention in Chicago to present research as part of the Innovations Team

Society of Women Engineers

Member | September 2022 - Present

- Hosted a STEM presentation at my local high school with SWE's "Expressing Engineering To Youths" program that allowed me to convey different types of engineering and encourage diversity within them with an engineering lab
- Actively participate in biweekly meetings that highlight representation within engineering and provide encouragement for women in STEM to pursue careers in engineering and leadership

WORK AND INTERNSHIP EXPERIENCE:

Navigator Networks - IT Solutions Provider

Project Management Intern | December 18, 2023 - January 5, 2024

- Developed and refined time management and Microsoft Office skills through active participation in project progress calls, plan updates, and templating of SOWs while adhering to strict deadlines
- Created optimized spreadsheets for prospective customer tracking and Salesforce.com data
- Coordinated Technical Lunch & Learns and LinkedIn post scheduling by initiating connections with vendors for presentations and creating engaging graphics while spearheading an employee spotlight series on LinkedIn

City of La Habra, California

Transportation Engineering Intern / Job Shadower | August 7th - September 12th, 2023

- Pursued an opportunity within my local municipality to job shadow the Traffic Engineer to gain insight into the job requirements and day-to-day operations within the field of public works
- Experienced CIP meetings, bidding procedures, traffic committee meetings, Caltrans communications, signal timing analysis, specialized accessibility intersection accommodations, work order completion, and more

HONORS AND AWARDS

Dean's List | Fall Quarter 2022, Spring + Fall Quarter 2023

California Polytechnic University, San Luis Obispo

Sel Handler Youth of the Year Award | May 2022

City of La Habra

- Awarded as recognition of my time and dedication to Youth Committee and connections between La Habra High School community service clubs and city efforts

Richard Frerking, EIT

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rjfrerking@gmail.com

1545 Sunflower Dr., Hollister, CA 95023

EDUCATION & LICENSES

California Polytechnic State University, San Luis Obispo

September 2020 – June 2024

Bachelor of Science in **Civil Engineering**, June 2024

GPA: 3.78

Class Level: Senior

- Coursework of Interest: Technical Writing – Traffic Engineering – Fundamentals of Transportation Engineering – Railway Engineering - Construction Management – Highway Pavement Design – Engineering Surveying - Water Resources Engineering – Reinforced Concrete Design

Engineer In Training, CA License #180018

September 2023 - Present

WORK EXPERIENCE

City of Paso Robles, Engineering Intern (17hr/wk)

February 2023 – June 2024

- Worked under City Engineer and Senior Development Engineer to address transportation safety concerns within the City of Paso Robles through applying FHWA Safe Systems Approach and MUTCD.
- Aided Utility Department with keeping city engineering standards updated with relevant municipal codes.
- Worked with Capital Projects Engineer to develop construction and striping plans for various paving projects for the Department of Public Works.

Cal Poly Corporation, Food Server (10hr/wk)

September 2021 – June 2024 (Excluding Summers)

TECHNICAL PROJECTS

City of Paso Robles AMI Water Meter Project

- Performed research on behalf of Water Utility Engineer to identify AMI compatible water meter enclosures that would meet city standards and project goals.
- Aided City Staff in field survey of city water meters by surveying and documenting non-standard lid sizes
- Collaborated with Water Utility Engineer to prepare draw schedule to submit for bids
- Utilized Esri ArcGIS in conjunction with city GIS analyst to add missing service meter locations and service line materials to city GIS database.

Creston Road RRFB & S. River RRFB Crossings

- Worked with City Engineer to identify and rank high risk pedestrian crossings within the City of Paso Robles using the Safe Systems Approach, historical crash data and citizen concerns.
- Drafted standard street sign, RRFB assembly, curb extension, and median island engineering standards to improve reproducibility of RRFB projects to reduce on future design time and material quantity costs.
- Worked under City Engineer and Community Development Engineer to design enhanced pedestrian crossings from conception to 100% design.

Railroad & Downtown District Engineering Standards

- Worked with Director of Community Development to visualize community development goals for the Railroad District.
- Performed research on behalf of City Engineer on decorative streetlighting to present illumination solutions that would be aesthetically pleasing, economical, and provide adequate illuminance.
- Drafted modifications of adopted city standards of downtown sidewalk, decorative streetlighting, and tree wells for use within city RoW in downtown and railroad district areas.

COMMUNITY INVOLVEMENT

Boy Scouts, Eagle Scout

April 2012 – June 2020

- Held several leadership positions, including leader of troop
- Planned, lead, and executed project to build a set of new planter boxes with child safety considerations in mind for local elementary school in Sunnyvale, CA.
- Organized camping trips for troop, communicating costs, safety, schedules, and logistics with leadership.

Cal Poly ITE, Historian/Secretary

September 2020 – Present

- Planned general meetings, firm tours, and social events with officer board.
- Wrote weekly emails to keep members, alumni, and sponsors updated on current events.
- Volunteered for local traffic data collection and STEM programs for aspiring transportation engineers.

PERSONAL SKILLS

- Proficient experience in Civil 3D, AutoCAD, ArcGIS, HCS, Excel, Adobe Creative Cloud.
- Personal motto of "I will fix problems, if I can't fix it I will learn how to".
- Hobbies of cooking, photography, hiking, and cycling.
- Quick-learner, loves to ask questions, pays attention to the details, great communicator

Raquel Fujita

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Education

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO

B.S. Civil Engineering, June 2026

Class Level: Sophomore | GPA: 3.62

Relevant Coursework: Engineering Surveying, Engineering Statics, Engineering Dynamics (In Progress), Computer Aided Drafting in Civil Engineering, Introductory Experiments in Transportation Engineering, Mechanics of Materials I (In Progress)

PRESIDENT THEODORE ROOSEVELT HIGH SCHOOL, HONOLULU

Graduated Valedictorian, STEM Honors, May 2022 | GPA: 4.17

Experience

AUSTIN TSUTSUMI & ASSOCIATES INTERNSHIP – TRAFFIC & CIVIL INTERN | JUNE – SEPT. 2023

- Completed Traffic Impact Analysis Report, created warehouse site plan, attended site visit
- Strengthened skills in AutoCAD Civil 3D, Synchro Studio 12, technical writing, presenting, data analysis, and design

LAB. OF APPLICATIONS IN INFORMATICS AND ANALYTICS INTERNSHIP | UNIV. OF HAWAII | JUNE 2022

- Completed Python lessons, Machine Learning lessons, and an image classification app final group project

PACIFIC SUMMER TRANSPORTATION ENGINEERING PROGRAM | UNIV. OF HAWAII | JUNE 2021

- Attended site visits, and completed GIS, roadway infrastructure, and traffic management lessons followed by a final roadway intersection design group project

CHILDCARE WORKER | MANOA JAPANESE LANGUAGE SCHOOL | OCT. 2021 – DEC. 2023

- Cared for- and aided in teaching elementary students Japanese writing skills at afterschool program

Involvement

SOCIETY OF CIVIL ENGINEERS - MEMBERSHIP DIRECTOR | CAL POLY, SAN LUIS OBISPO | JUNE 2023 – PRESENT

- Manage membership/dues and create club merchandise
- Community Service Committee member, Oct. 2022 – June 2023

PSWS TRANSPORTATION COMPETITION TEAM MEMBER | CAL POLY, SAN LUIS OBISPO | JAN. – MAR. 2023, DEC. 2023 – PRESENT

- Create transportation solution for given competition project in a team

INSTITUTE OF TRANSPORTATION ENGINEERS CLUB MEMBER | CAL POLY, SAN LUIS OBISPO | SEPT. 2022 – PRESENT

CAL POLY ENGINEERING AMBASSADOR | NOV. 2023 – PRESENT

- Will conduct campus tours for prospective students and alumni

THETA TAU ACTIVE MEMBER | CAL POLY, SAN LUIS OBISPO | DEC. 2022 – PRESENT

WIND ORCHESTRA & CLARINET ENSEMBLE | CAL POLY, SAN LUIS OBISPO | SEPT. 2022 – JAN. 2023

- Clarinet, Aug. 2015 – Present
- Weekly private lessons, Aug. 2015 – Sept. 2022
- Roosevelt High School Symphonic Band First Chair, Aug. 2021 – May 2022
- *O'ahu Band Directors Association* Solo & Ensemble Red Ribbon, Mar. 2022

HUI 'O HAWAII CLUB MEMBER | CAL POLY, SAN LUIS OBISPO | SEPT. 2022 – PRESENT

PROJECT HOKULANI PARTICIPANT | UNIV. OF HAWAII | SEPT. 2021 – JULY 2022

- Completed weekly Hawaiian-based science and cultural lessons throughout school year

KEY CLUB | ROOSEVELT HIGH SCHOOL | AUGUST 2020 – MAY 2022

- President, April 2021 – April 2022
- Achieved 230 hours of service

TRACK AND FIELD | ROOSEVELT HIGH SCHOOL | DEC. 2018 – JULY 2019, FEB. 2022 – MAY 2022

COMPUGIRLS HAWAII PARTICIPANT | OCT. 2020 – NOV. 2020, FEB. 2021 – APR. 2021

- Completed cybersecurity-based lessons and projects

SCIENCE OLYMPIAD | ROOSEVELT HIGH SCHOOL | JAN. 2019 – MAR. 2020

- 1st Place "Write It Do It" Honolulu District, 3rd Place "Mousetrap Vehicle" Honolulu District, Mar. 2019

Mia Gallagher

San Luis Obispo, CA

(949) 687-9026

gallagher.mia9@gmail.com

[linkedin.com/in/mia-gallagher-794437278](https://www.linkedin.com/in/mia-gallagher-794437278)

I am a civil engineering student with a proven history of strong leadership and goal-oriented success. As a hard working and effective multi-tasker and problem solver, I am seeking meaningful experience in the civil engineering field.

EDUCATION

California Polytechnic State University | Civil Engineering

2023 - Present | San Luis Obispo, CA | GPA 3.74

Southwestern Illinois College | General Education Courses

2022 - 2023 | Belleville, IL | GPA 4.00

O'Fallon Township High School

2021 - 2023 | O'Fallon, IL | GPA 3.97

Ramstein High School

2019 - 2021 | Ramstein Air Base, Germany | GPA 4.00

WORK EXPERIENCE

Undergraduate Research Team Member

November 2023 | Swanton Pacific Ranch, Santa Cruz County CA

Surveyed ranch to ensure accuracy of LIDAR survey technology for a restoration project. Created a survey map in AutoCAD and established control points for future surveys. Demonstrated proficiency in the use of Total Station, RTK, and other surveying instruments.

Trainer and Closing Expert

August 2022 - Present | Target | Shiloh IL

Working evenings and weekends, 15-40 hours per week, during high school and breaks, I was identified as a top performing team member and selected to train new employees.

Academic Tutor

August 2019 - June 2023 | Independent | O'Fallon IL

Tutored elementary, middle, and high school students in math, science, social studies, German, Spanish, and English. Taught methodologies, strategies, and organizational skills to improve academic success.

Customer Service

May - August 2022 | Gator's Frozen Custard | O'Fallon IL

Duties included preparing food and drinks with quality and efficiency; working with a team to ensure best experience for customers.

Irish Dance Instructor

2021 | Sweeney McAvinchey Irish Dance School | Landstuhl Germany

2022 | Clark Academy of Irish Dance | Webster Groves MO

AWARDS AND HONORS

World Championship Level Irish Dancer

Scott Field Post Society of American
Military Engineers STEM Scholarship

USC Tuition Scholarship

NLC LifeChanger Scholarship

Stella May Nau Scholarship

Senior STUCO Scholarship

IDTANA Scholarship

AP Scholar Award

Illinois State Scholar

National Honor Society

German Honor Society

Social Studies Honor Society

State Academic Challenge Team

SKILLS

Land Surveying

AutoCAD

Time-Management

Customer Support

Social Media Management

Microsoft and Google Applications

LEADERSHIP/VOLUNTEERISM

German Club President

Irish Dance Team Captain

Festival Musician

Church Choir

CLUBS

Society of Women Engineers

Society of Civil Engineers

Engineers Without Borders

Veterans and Dependents Club

Newman Club

Nicholas Giang

9970 Amulet Place
Sacramento, California 95829

(916) 201-9257
giangnick20@gmail.com

Education

California Polytechnic State University, San Luis Obispo

Graduation ~ June 2027

- Bachelor of Science in **Civil Engineering**

GPA: 4.00

Work Experience

Intern - Elk Grove Unified School District, Facilities & Planning Department (May - August, 2022)

- Created and implemented a plan to relocate assets of the Sheldon High School woodshop so that reconstruction of the first damaged areas could proceed within allotted time.
- Coordinated and supervised the relocation of student records from the Joseph Kerr Annex to the Adult Education facility on Gerber Rd.
- Compiled data on construction costs of District field turf and track projects and created a proposed timeline and cost of future maintenance and replacement of those facilities

Intern - Elk Grove Public Works Department Traffic Division (July 2021)

- Critically analyzed historic traffic data to help with determining the impacts that COVID-19 had on traffic patterns.
 - Produced basic sensor and camera monitoring areas for new and updated intersections.
-

Leadership and Involvement

Engineering Project in Community Service

- Designed and constructed 3 ft. tall, 4.5 ft. long and 15.5 in. deep Toy Storage Unit for Chick and Crisis (non-profit organization that specializes in aiding struggling parents).

Innovative Design & Engineering Academy (IDEA)

- IDEA Leadership - Organized Food Fairs for students to purchase popular food items, generating profit to fund IDEA events such as the Paper Airplane Engineering challenge
-

Community Service

Captioner for Professor Ian Wu, Mathematics, Sierra College

- Created captions for over 20 hours worth of video lessons for online classes during the winter of 2020 to improve accessibility to students (Used both Youtube/Aleks softwares).
-

Skills

- | | |
|---|---|
| • C++, Java, and Python Programing | • Video editing software (WeVideo, Camtasia, Photoshop, OBS Studio) |
| • Spanish fluent (3 years experience) | • Team Collaboration, Communication |
| • AutoDesk, AutoCAD, Inventor, and Onshape Experience | • Leadership Skill |

Sam Gregory (he/him)

(541) 286-8711

sam.gregory.2112@gmail.com

Education

California Polytechnic State University, San Luis Obispo

Fall 2022 - Spring 2026

Bachelors of Science in Civil Engineering, Senior Standing, **3.96 GPA**

Relevant Coursework

Engineering Statics, Dynamics, and Fluids; CAD in Civil Engineering;
Mechanics of Materials I and II; Civil Engineering Materials

Engineering-Related Experience

- **Professional Coordinator, Institute of Transportation Engrs. (ITE)** **Summer 2023 - Present**
 - Recruit industry professionals to speak at Cal Poly weekly ITE meetings
 - Coordinate transportation engineering firm tours locally and statewide
- **AutoCAD Experience and Skills**
 - Orthogonal, Isometric, and 3D drawings
 - Drafting roadway cross sections and retaining walls from Caltrans standard plan sheets
 - Utilizing AutoCAD to assist with Quantity Take-Off calculations
- **Third Place CE Transportation Team, Pacific Southwest Symposium** **Winter 2023**
 - Redesigned bus route to include new boarding and transit priority systems
 - Spearheaded environmental analysis aspects of project
 - Presented work to industry professionals
- **Mentorship Relations, Society of Civil Engineers (SCE)** **Summer 2023 - Present**
 - Coordinate mentor pairings and events for the SCE mentorship program
 - Mentor a first-year student on paths in college and civil engineering
- **Camp Counselor, Engineering Possibilities in College** **Summer 2023**
 - Assisted in engineering labs and taught lab skills to students
 - Led social activities for campers grades 6-12

Leadership Experience

- **Group Leader, Cal Poly Week of Welcome** **Fall 2023**
 - Organized and led 24 first-years in welcoming and informative activities
 - Volunteered over 130 hours
- **Swim Instructor, Osborn Aquatic Center, Corvallis, OR** **Summer 2022**
 - Taught swim lessons for ages three through seventeen at all levels
 - Developed lesson curriculum and planned activities for students
 - Organized and led tests for swim level progression

Honors and Awards

- President's and Dean's Honor List at Cal Poly **2022 - 2023 Academic Year**
- First Trombone, Cal Poly Symphony **Winter 2023 - Present**
- Presidential Volunteer Service Award, 100+ hours per year **Fall 2018 - Spring 2022**

Nadya Klug

Civil Engineering
California Polytechnic University San Luis Obispo



CONTACT



nadya.klug@gmail.com



(408) 616-9112



San Luis Obispo, CA
San Jose, CA
Littleton, CO



<https://www.linkedin.com/in/nadya-klug-a39b2267/>



EDUCATION

Cal Poly SLO- (2022-present)

Heritage High School- g. 2022.
GPA: 4.27, Rank: 21/398



SKILLS

Social: Leadership, team building, interpersonal, customer service.

Individual: Problem solving, critical thinking, fast-paced environment, self-starter, initiator, organization, flexibility, attention to detail.

Software: Civill3D, AutoCAD, Microsoft Suite, VISUM, Google, REVIT, Trimble

Presentation: Prezi, Canva, Photoshop

Communications: LinkedIn, Zoom, Slack, Discord, Facebook, TikTok, Instagram

Language: Intermediate Spanish, Intermediate Russian



ACHIEVEMENTS

Graduating Top 5%- Heritage High School (2022)

Highest Honors- National Honors Society (2022)

- Commit to two volunteer workshops in addition to twenty community service hours and earn a GPA of 3.8 or higher.

Academic Letter- Heritage High School (2022, 2021, 2020, 2019)

OTHER INVOLVEMENTS

Girls Gainz Club

Russian Speaking Association

High School Student Government



WORK & VOLUNTEER EXPERIENCE

CENTER FOR ENGINEERING, SCIENCE AND MATH EDUCATION (CESAME) TUTOR | SEP. 2023 - PRESENT

- Introduce young students to real world issues to get them thinking about the topics, developing students interests in engineering, science, and math, giving hope and attention to traditionally underserved communities, serving as a role model for women in engineering.
- Work with fellow Cal Poly students from different majors: gain new perspectives and approaches to teaching

JR ENGINEERING | LAND DEVELOPMENT INTERN | JUN. 2023 - SEP. 2023

- Worked as an entry level computer drafter, using Civil3D, AutoCAD, Photoshop, Excel, and other programs: corrected redlines, created exhibits, assembled sheet sets, researched new projects, and provided information to senior management, collaborated with coworkers on how to address design problems, worked with team to meet submittal deadlines
- Collaborated, solved problems, suggested and discussed solutions with colleagues to meet submittal deadlines. Provided and received constructive criticism from senior management on submittal revisions.
- Learned different components of the construction process including land selection, city code compliance, surveying, grading, utility installation, water resources, road implementation, and project handoff
- Worked with professionals in different specialties including project management, land development, water resources, transportation, surveying, and construction management

ENGINEERS WITHOUT BORDERS (EWB) PROJECT MANAGER (PM) | SEP. 2022 - PRESENT

- Plan and direct project team meetings for the California Local EWB branch with another project manager
- Collaborate, coordinate, and communicate with licensed engineers on and off campus. Collaborate with other PMs, EWB board members, advisors, branch and Local project team members.
- Identified and established a new project for our Local Project EWB team after over a year of searching. Carried on work and group discussion on the project throughout summer break.
- Regularly attend bi-weekly officer board meetings that discuss other EWB project teams, team budgets and fundraising, team management, and university interventions.

SOCIETY OF WOMEN ENGINEERS (SWE) | SEP. 2022 - PRESENT

- Mentor for SWE Mentorship, responsible for four mentees throughout the year: Helping acclimate mentee to Cal Poly structure, introducing resources and tried techniques to aid their success, coordinating activities and inviting to events, developing relationships as a role model, resource, friend and long-term connection
- Volunteered for SWENext Pen Pal Mentorship: Regularly corresponded back and forth with two high school students interested in pursuing engineering, acting as a mentor and Cal Poly student representative.
- Participated in SWE Welcome, Cal Poly SWE's largest annual event that invites prospective women students to visit: Mentored and guided the women throughout a day at Cal Poly, toured the campus, sat in on lectures, discussed campus resources and other support systems that may be necessary to them.
- Regular attendee at bi-weekly SWE meetings, community volunteering and bonding activities

SOCIETY OF CIVIL ENGINEERING (SCE) | SEP. 2022 - PRESENT

- Regularly attend weekly SCE meetings and organized events: Network and build relationships with professionals and students within my major. Expand knowledge of civil discipline and the majors impacts, which have helped create a greater foundation of understanding for my preference in work post-graduation.

INSTITUTE OF TRANSPORTATION ENGINEERING (ITE) | JAN. 2023- PRESENT

- Regularly attend weekly ITE meetings that typically include a guest speaker that comes in to discuss their area of transportation engineering. Learn about the diverse sectors that transportation engineering includes.

STARBUCKS BARISTA | JUN. 2022 - SEP. 2022 | ENGLEWOOD, CO

- Cooperated and adapted to the expectations of a larger corporation. Worked in a fast-paced, demanding environment, while meeting Starbucks Corp. quality standards and collaborating with fellow team members

NOOK COFFEE | AUG. 2020 – JUN. 2022 / LITTLETON, CO

1. SHIFT LEAD

- Led team members towards improving work efficacy, customer relationships, and teamwork.
- Assisted management in training, constructive criticism and company adaptations, developing content for business social media, and fluctuating COVID-19 regulations.

2. BARISTA

- Worked in a fast paced and demanding environment, meeting beverage quality and safety standards
- Developed and maintained relationships with customers through friendly and personal customer service skills. Used new knowledge and customer feedback to devise new drink recipe for business use.

Cody Lau

(808) 989-0787 • Honolulu, Hawaii • codylau17@gmail.com

WORK EXPERIENCE

Paraprofessional

January 2021 - May 2021

McKinley High School | Honolulu, HI

- Monitored in-person students' academic progress across multiple subjects
- Proctored an English Language Exam for non-native speakers
- Conducted individual tutoring sessions for ELL students
- Managed attendance calls and scheduled exams

Safeway Store Associate

July 2022 - September 2022

Manoa Safeway | Honolulu, HI

- Cashier
- Customer Service
- Inventory Control
- Maintained store cleanliness

Einstein's Bros. Bagels (University Student Job)

October 2021 - June 2023

California Polytechnic State University | San Luis Obispo, California

- Food Service Worker
- Cleaning Duties
- Cashier

EDUCATION

California Polytechnic State University | Bachelor of Science in Civil Engineering

Expected Graduation: June 2025

Punahou School | High School Diploma

Graduated: May 2020

Vanessa Le

vhounge@gmail.com | (510)-640-9676 | [linkedin.com/in/-vanessa-le/](https://www.linkedin.com/in/-vanessa-le/)

EDUCATION

California Polytechnic State University, San Luis Obispo (expected graduation: June 2024) GPA: 3.91
B.S. in City and Regional Planning, Minors in Construction Management and Real Property Development

WORK EXPERIENCE

Kittelson & Associates, Inc — Orlando, FL

Transportation Planning Intern 06/2023 - 09/2023

- Contributed to 9 projects including topics on bike-ped safety, traffic impact analysis, and urban design
- Analyzed existing conditions for a downtown redevelopment master plan and TOD mobility vision plan
- Collected traffic operations and spatial data for a state DOT through Excel, ArcGIS, and Synchro software

The Walt Disney Company — Burbank, CA

Global Portfolio Management & Transactions Intern 02/2023 - 06/2023

- Tracked, organized, and analyzed space and occupancy data to identify workplace change or improvement
- Updated floor plans and allocation records through site visits, team review, and asset management software
- Developed architectural drawings, one-sheets, and other deliverables to deliver seasonal financial reporting and present and assess corporate real estate strategies for Disney's global owned and leased portfolio

Gilbane Building Company — San Jose, CA

Project Management Intern (Construction II) 06/2022 - 01/2023

- Tracked roughly \$3,375 in equipment purchases and \$31,000 in labor costs for construction back charges
- Documented square footage data and materials on indoor air quality for LEED gold standard certification
- Developed reports on RFIs, submittals, inspections, and other materials for 18 weekly staff meetings
- Reviewed construction drawings and specs to ensure smooth operations on a \$125-million research facility

California Polytechnic State University — San Luis Obispo, CA

Student Office Assistant (Landscape Architecture Department) 09/2021 - 06/2022

- Redesigned 10 weeks worth of lecture slides and materials to meet with Americans with Disabilities Act standards, and designed 4 plaques for class cohorts and the department's Spring 2022 Open House display

Friends of the Urban Forest — San Francisco, CA

Community Engagement Intern 08/2019 - 12/2019

- Promoted activities and events by canvassing door-to-door, tabling at 4 local fairs, and designing flyers
 - Improved public spaces for underserved communities by leading volunteers at 7 biweekly tree-planting events, solving neighborhood requests and/or complaints, and performing general landscaping
-

RELATED INVOLVEMENT & PROJECTS

Associated Students in Planning (Cal Poly ASP) — *President, Board Member* 09/2020 - Present

- Lead a professional development club and board of 10 to support students interested in urban planning
- Increased membership activities and engagement by coordinating and directing collaborative events with other campus clubs, faculty, DEI groups, and the American Planning Association California chapter

American Planning Association — *Central Coast Student Representative* 08/2023 - Present

- Marketed and organized student networking opportunities for the regional Central Coast chapter

SLO Multicultural Center Design & Research Team — *Committee Member* 08/2021 - 06/2022

- Determined site project location, design workshop logistics, and team agendas and coordinated community outreach regarding a proposed multicultural center for the City of San Luis Obispo to meet DEI initiatives
-

SKILLS

- **Programs:** Microsoft Office (Excel, Powerpoint), Adobe Creative Cloud (Illustrator, Photoshop, InDesign, Lightroom), AutoCAD, ArcGIS, IBM Tririga, SketchUp, Procore, Bluebeam, Synchro, Squarespace, Wordpress

Splunk Enablement Days - Crawl | Walk | Run - Workshops for Cyber Protection Teams (CPTs)
June 28 - 30th 2022

- Splunk 4 Rookies
- Enterprise Security
- SOAR (Phantom)
- Investigating with Splunk
- Advanced APT Hunting

SKILLS

- Fluent in English and Mandarin
- Python
- Java
- Excel

Emma Meyer

222 Laurel Avenue Menlo Park, CA 94025 | (650) 319-6893 | emeyer07@calpoly.edu | [linkedin.com/in/emma-meyer](https://www.linkedin.com/in/emma-meyer)

Profile

A third-year City and Regional Planning student at California Polytechnic State University San Luis Obispo with an interest in active transportation, housing, and community engagement. Possesses strong leadership and collaborative skills through various clubs and major affiliated positions.

Education

Bachelor of Science in City and Regional Planning | Expected June 2025 | California Polytechnic State University, San Luis Obispo, California

Work Experience

DEI Coordinator | Cal Poly City and Regional Planning Department | September 2022 – Present

- Leads 12 DEI events a year ranging from discussions on environmental racism to guest speaker topics on tactical urbanism
- Mentors Co-DEI Coordinator, meeting weekly to assign responsibilities, plan events, and harness leadership skills
- Meets with department head and DEI advisor to design curriculum for CRP students
- Kickstarted DEI resource library providing physical and virtual resources to the department

Research Intern | Peninsula for Everyone | July 2023 – September 2023

- Conducted parking research for Peninsula for Everyone and Menlo Together to identify underused parking facilities to advocate for reduced parking minimums
- Read and analyzed general plans and zoning elements

Housing and Employment Intern | LifeMoves | June 2022 – August 2022

- Collaborated with housing and employment specialists and social workers to assist unhoused clients
- Launched a credit repair program, hosting weekly workshops for clients
- Shadowed social workers at homeless shelters in Menlo Park and San Jose

Skills & Abilities

- Microsoft Excel, Photoshop, InDesign, Illustrator, AutoCAD, Sketch Up, GIS, Time management skills, Quick learner, Presentation skills

Affiliations

- Cal Poly Urbanists Club
 - Founder and president
 - Leads weekly meetings for over 50 members
- Associated Students in Planning
 - Vice President of External Affairs
- Institute of Transportation Engineers Member
- Alternative Transportation Committee Member
- Sustainable Bicycle Infrastructure Program in Europe Summer 2023
- Residential Advisor at Cal Poly 2023 -2024

Eric Dat Nguyen

San Jose, CA | (408) 431-9228 | eric.nguyen.dat@gmail.com |
<https://www.linkedin.com/in/ericdatnguyen/>

SUMMARY

Passionate and personable Civil Engineering student with diverse work experience, eager to apply a solid academic background. Aspiring to contribute tenacious problem-solving skills and hands-on expertise to evolve projects in Transportation and Structural Engineering.

EDUCATION

B.S. Civil Engineering

Expected June 2027

California Polytechnic State University, San Luis Obispo, CA

RELEVANT COURSES

Calculus III, Calculus IV, Linear Analysis*, Engineering Surveying, Design Principles in CE, Computer Aided Drafting in CE*

EXPERIENCE

Boba Barista, Quickly, San Jose, CA

July 2022 – January 2024

- Maintained a swift service, handling a flow of 40+ drinks per hour
- Multitasked between putting together drinks, food, washing dishes, and cashiering
- Enhanced and upheld clean establishment by cleaning and organizing

Lifeguard, Raging Waters, San Jose, CA

May 2023 – August 2023

- Rescued an average of 18 or more individuals per season
- Monitored safety of guests in and around the swimming pool
- Maximized customer satisfaction by greeting pool patrons with courtesy and resolving issues promptly
- Learned and maintained proficiency in first responder skills such as First Aid and CPR to offer individuals in distress optimal support

ACTIVITIES

Member & Mentee, TVSA (Thai Vietnamese Student Association)

Sept 2023 - Present

Member & Mentee, ASCE (American Society of Civil Engineers)

Sept 2023 – Present

- PSWS 2024 Transportation Team Competitor

President and Co-founder, Biking Club

Sept 2022 – Jun 2023

- Coordinated biking events while endorsing safety for members
- Raised money to host giveaways and outings for the club
- Conducted workshops beyond school hours to instruct bike fixing techniques

Project Manager, MESA (Mathematics Engineering Science Achievements)

Aug 2019 – Jun 2023

- 1st Place MESA Machine (District Winner and Regionals Qualifier)
- Oversaw the progress of all team members and their respective projects to ensure timely completion
- Designed and constructed a prosthetic arm entirely out of recyclable materials
- Constructed a popsicle bridge that withstood 90+ pounds

May 2019 & May 2020

Member, VSA (Vietnamese Student Association)

Sept 2019 – Jun 2023

SKILLS AND INTERESTS

Certificates: First Aid, CPR, and Lifeguard (Ellis and Associates)

Language: Fluent in English, Conversational in Vietnamese

Programs: Google Suite, Microsoft Office

Hobbies/Interests: Expedition Cycling, Camping, Chess, Photography, Volleyball

Alaina Ortiz

+1 (213) 408-9253 | aortiz74@calpoly.edu | Los Angeles, California | [linkedin.com/in/alaina-ortiz](https://www.linkedin.com/in/alaina-ortiz)

Highly motivated City and Regional Planning student with interests in sustainable urban design and public transportation solutions.

EDUCATION

California Polytechnic State University San Luis Obispo

Bachelor of Science – City and Regional Planning

Minor–Japanese Studies, Ethnic Studies

San Luis Obispo, CA

Expected Graduation Date: June 2025

EXPERIENCE

Japan Center for a Sustainable Environment and Society- Intern

Tokyo, Japan

June 2023-August 2023

- Contributed to ongoing climate change research by gathering and analyzing data from scientific literature, reports, and climate models to create a thorough document detailing my findings and recommendations
- Actively participated in team meetings, assisted supervisors with additional research work, and aided in the translation of Japanese documents to English

Einstein Bros. Bagels- Crew Member

San Luis Obispo, CA

September 2022-June 2023

- Demonstrated community service skills and collaborated in a team with fellow employees to ensure smooth operations during peak hours

Academic Project Experience

CRP-202 Urban Design Studio: Site Plan Project

- Developed the ability to use design software tools such as AutoCad, Microsoft Excel, and Adobe Programs like Photoshop, Illustrator, and Indesign to assist design thinking
- Collaborated in a team to brainstorm and produce a site plan which met the proposed community's individual needs
- Presented the plan to an audience of planning professionals

AFFILIATIONS

Associated Students in Planning-Vice President

May 2023-Present

- Plans firm tours, organizes guest speaker events, and delegates tasks to board members

Associated Students Inc.-Board of Directors

March 2023-Present

- Represents Cal Poly students by improving dialogue and ensuring that students are being served effectively and equitably
- Serves on the following committees: External Affairs, Alternative Transportation, Sustainability Advisory, Student Success Fee Allocation Advisory, and ASI Art

American Planning Association -Member

May 2023-Present

- Provides opportunities for professional development, civic engagement, and educational advancement

Institute of Transportation Engineers-Member

September 2021-Present

- Explores transportation-related careers and professional opportunities through info sessions, careers fairs, and field trips

Matthew Pinney

(916) 663-8638 | mattepinney@gmail.com | mepinney@calpoly.edu | www.linkedin.com/in/mepinney27

Career and Academic Objective

In my time at Cal Poly, I aim to learn the complexities of solving issues in *modern transportation infrastructure* through the pursuit of a B.S. Degree in Civil Engineering and a minor in City and Regional Planning. To assist in my classroom education, I aim to learn through internship programs in *Sacramento and surrounding areas*. In my career, I hope to cooperate to make solutions that help everyone that interacts with transportation and the system it takes place in.

Education

CALIFORNIA POLYTECHNIC STATE, SAN LUIS OBISPO | SEP 2023 - PRESENT

- Civil Engineering Undergraduate, Expected Grad: June 2027
- Planned City & Regional Planning Minor
- Cal Poly Mustang Marching Band & Kappa Kappa Psi Band Service Fraternity Involvement
- *Relevant Coursework*: Engineering Surveying, Calculus IV, Gen Physics 1 & 2, Design Principles in CE, Intro Experiments in Tran Engineering, CAD in Civil Engineering*, Principles of Oral Communication

LINCOLN HIGH SCHOOL | AUG 2019 - JUN 2023

- LHS Marching Band | Trumpet and Low Brass Section Leader
- LHS National Honor Society Officer | Lifetime Membership
- California Seal of Biliteracy | Spanish
- *Relevant Coursework*: 4 year engineering pathway, including proficiency with engineering design principles and Fusion 360

**Planned before end of spring quarter 2024*

Work Experience

HEAD PEER TUTOR | LINCOLN HIGH SCHOOL | DEC 2021 - JUN 2022, AUG 2022 - JUNE 2023

- Maintained monthly schedules, supervised tutors, and trained tutors
- Involved detailed and varied concept communication in various subjects with students as well as regular communication with tutors
- *Ability Impact*: Leadership, adaptive communication practices, teamwork, problem-solving capabilities

LINE COOK | RED ROBIN GOURMET BURGERS AND BREWS | JUN 2022 - AUG 2022

- Demonstrated the ability to work and communicate with a team of cooks to efficiently produce burgers and maintain the restaurant's reputation
- *Ability Impact*: Teamwork, team-based quick communication, attention to detail

PRIVATE CALCULUS TUTOR | SEP 2022 - MAY 2023

- Involved coordination of availability, as well as effective concept communication of higher-level math concepts
- *Ability Impact*: Extended interpersonal communication, higher math comprehension

Christopher Reed

• 541-801-6251 • cjreed4234@gmail.com

Education

California Polytechnic State University, San Luis Obispo
Undergraduates Degree in Civil Engineering, June 2025
GPA : 3.004

Civil Engineering Experience

Computer Aided Drafting – House Design

- Utilized technical software programs such as AutoCAD and Revit to generate working plans, detailed drawings and 3D models

Civil Engineering Materials

- Batched various types of concrete in accordance with ASTM specifications and standards
- Tested concrete samples using compression machine, concrete air meter, flexural testing machine

Microsoft Excel

- Analyzed large groups of data to maximize understanding of information
- Presented and organized data into charts, figures, graphs and pivot tables
- Wrote code for VBA to create an application to determine optimal study locations on campus

Engineering Surveying

- Performed fieldwork and field survey activities as part of a survey crew

Fundamentals of Transportation Engineering

- Conducted a traffic survey for a local street from data collected using radar technology
- Developed familiarity with GIS software, and learned basic skills for navigating the program

Computer Skills

AutoCAD, AutoCAD 3D, SketchUp, Microsoft Word/Excel/PowerPoint/VBA/

Leadership and Honors

Team Manager, Cal Poly Intramural Soccer Team (1st place in division)

Society of Civil Engineers Member– Cal Poly Chapter

Institute of Transportation Engineers Member - Cal Poly Chapter

Club President Cal Poly Hiking and Backpacking Club

- Coordinate weekly events for up to 50 people as well as weekend camping trips, providing meals, transportation.

Work Experience

Demonstrated excellent teamwork, time management, solve complex problems, and communication skills through the following employment

LEAD EXPEDITOR | Waverley Country Club - Portland, Oregon 05/19--01/22 , 06/22--08/23 (40hrs/wk seasonal)

PACKAGE HANDLER I United Postal Service -Portland, Oregon 04/22 – 07/22 (25-30 hrs/wk)

STUDENT ASSISTANT I Vista Grande Dining Complex – San Luis Obispo, California 11/22 -- 06/23 (10-12hrs/wk)

Olivia Saldana

(310) 483-8549 • osaldana2004@gmail.com • Los Angeles, CA

Education

California Polytechnic State University, San Luis Obispo

Bachelor of Science in **Civil Engineering**, June 2027

Minor in **City and Regional Planning**

Engineering Experience

Autodesk Revit – Library Design

May 2023

- Generated detailed 3D model and 2D floor plan of public library in Autodesk Revit

Timber Design Build – Cal Poly

Oct 2023-Present

- Participating in project planning, hands-on construction, and calculations
- Demonstrating strong collaboration with fellow team members

Engineers Without Borders – Cal Poly

Oct 2023-Present

- Aiding in the design and implementation of an outdoor whiteboard for a local elementary school
- Demonstrating strong collaboration with fellow team members

Work Experience

Barista – CaliTea

Feb 2022 – Jun 2023

- Developed strong interpersonal and customer service skills while working at a coffee establishment
- Engaged diverse customers, delivered exceptional service, and resolved issues, elevating the overall customer experience
- Mastered time management and multitasking in a fast-paced environment, adeptly handling tasks like order preparation, inventory, and workspace maintenance, ensuring seamless daily operations

College of Engineering Ambassadors – Cal Poly

Oct 2023-Present

- Communicating the benefits and opportunities of the College of Engineering to diverse audiences during catered tours
- Aiding prospective students make informed decisions about their academic and career paths
- Demonstrating strong interpersonal, public speaking, and leadership skills while representing the Cal Poly College of Engineering

Society of Civil Engineers Event Committee – Cal Poly

Oct 2023-Present

- Collaborating with a dedicated team to organize and promote SCE club events
- Showcasing robust project management, handling logistics and budget management, leading to well-attended and impactful events
- Exhibiting an abundance of creativity by proposing new and innovative events

Skills

Autodesk Revit, AutoCAD, Microsoft Word/Excel/PowerPoint, Surveying

Involvement

Society of Civil Engineers – Cal Poly Chapter

Institute of Transportation Engineers – Cal Poly Chapter

Society of Women Engineers – Cal Poly Chapter

Mykola “Nick” Sauciur

(323) 815-3677 | msauciur@calpoly.edu | San Luis Obispo, CA 93405

OBJECTIVE

Third-year civil engineering student at Cal Poly with expertise in transportation research and data analysis. Seeking a opportunities in civil engineering to apply my skills and fervently expand my engineering knowledge. Additionally, I am preparing to take the FE exam in the Winter/Spring of 2024.

EXPERIENCE

Civil Engineering Intern, Tetra Tech (San Luis Obispo, CA)

January 2024 - Present

- Estimated cost of preliminary design by conducting a quantity takeoff

Research Assistant , Cal Poly (Dr. Anurag Pande)

January 2022 - Present

- Researched and crafted reports on self-driving safety, crowdsourced transportation data accuracy, TSMO, part-time shoulder lane performance, and other topics in support of academic publications
- Analyzed pedestrian and bicycle injury data near elementary schools using ArcGIS, supporting the local Safe Routes to School program
- Developed Excel based tools to estimate possible reduction of vehicle miles traveled (VMT) for transit-oriented development and infill housing, supporting sustainability efforts.
- Acquired proficiency in VISSIM, creating layouts and running simulations in order to aide in traffic studies

Instructional Student Assistant, Cal Poly

September 2023 - Present

- Graded assignment submitted by students in transportation engineering courses, upholding rubric standards, and delivering timely feedback
- Facilitated hands-on lab sessions, ensuring students grasped concepts and proper use of equipment

Property Assistant, 1565 Tremont St. LA

March 2020 – September 2021

- Supported the property owner in tasks like unit showings for potential tenants and answering questions
- Managed routine apartment maintenance and grounds care, fostering a pleasant environment

EDUCATION

Bachelor of Science, Civil Engineering

2021 - 2025

California Polytechnic State University, San Luis Obispo

GPA: 3.468 / 4.0

PROJECTS

Evaluation of Turbo Roundabouts as a Tool for Congestion Mitigation and Safety Improvement in California

- Current active project, leveraging drone technology for VISSIM calibration and verification

“Assessing the Impact of Connected and Autonomous Vehicles on Urban Network Operations and Safety Using Microscopic Traffic Simulation”

- Primary author on paper exploring the impacts of autonomous vehicles on an urban network

2023 PSWS Transportation Design Team (3rd Place)

- Assessed As-Is conditions for project corridor, developing a proposal for possible improvements
- Conducted Synchro analysis to evaluate intersection level of service, both before and after
- Created pavement marking scheme and bus bulb plans using AutoCAD

2023 ITE Western District Data Collection Project

- Collaboratively authored the proposal and final report for the data collection effort
- Collected data, aggregated findings, and completed ITE data forms, conforming to ITE standards

SKILLS

VISSIM: Traffic simulation and modeling

Creative Cloud: Photoshop and Acrobat

Autodesk: AutoCAD, Revit, and Civil 3D

Programming: Python, R, and VBA (data analysis)

ArcGIS: Spatial analysis and information

Construction: Bluebeam and Procore

PROFESSIONAL SOCIETY INVOLVEMENT

- Institute of Transportation Engineers – Cal Poly (ITE)
 - Project Coordinator (Student Chapter Board Member) 2022 to Present
 - Managing student led project teams and student chapter ITE Traffic Bowl team

Athena Tran

San Jose, CA | (408) 718-9437 | atran286@calpoly.edu

Education

California Polytechnic State University, San Luis Obispo | September 2023 - Present

Bachelor of Science in Civil Engineering GPA: 3.68

Activities: Society of Civil Engineers, Institute of Transportation Engineers, Concrete Canoe

Foothill College | Los Altos, CA | September 2021 - June 2023

Activities: Engineering Club

Technical Projects and Labs

Introductory Experiments to Transportation Engineering - Cal Poly

- Operated radar technology to conduct a traffic survey for a local highway
- Performed a pavement condition assessment by using the PCI rating system
- Wrote a technical report about the impact of school roadway design on pedestrian and vehicular conflicts

Engineering Surveying - Cal Poly

- Operated a total station to perform traverse, profile, topographic, and triangulation surveys
- Plotted and performed horizontal and vertical curve computations
- Operated an RTK rover to establish positions of monuments and perform a profile survey

Computer-Aided Drafting - Cal Poly

- Generated a floor plan in Auto Cad and Revit
 - Used CalTrans Standard Plan sheet to generate a retaining wall and calculate Cut/Fill for slope staking
 - Created Titleblocks in Auto Cad for Land Surveying labs such as topographic mapping
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Experience

Stanford Biodesign DXD HealthTech | Team Recor Medical | Palo Alto, CA 01/2023 – 04/2023

- Consulted on a case study for ReCor Medical, a health tech company treating hypertension through renal denervation
- Ideated solutions for ReCor to simplify their process of educating patients on hypertension & reducing cardiovascular risk
- Formulated and presented an awareness campaign aimed at educating the general public on the topic of high blood pressure

Satura Cakes | Front of House/Shift Lead | Los Altos, CA 03/2022 – 09/2023

- Consulted and aided customers by memorizing over 35 menu items, increasing the number of sales and tips (average of \$400 tips each day)
- Trained a new employee on customer service skills, menu knowledge, operation of Clover point-of-sale (POS) system, and the procedures to close and open the store, allowing for top-notch performances and increased customer satisfaction

Kumon Evergreen | Tutor | San Jose, CA 08/2021 – 03/2022

- Instructed children ranging from ages 5-18 with Math and English at the elementary level and high school level
 - Monitored student progress by grading assignments and providing feedback
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Skills

Languages: English (Native), Vietnamese (Intermediate)

Programming Languages: C++ (Beginner)

Computer Skills: Microsoft Suite, AutoCAD, Google Drive Suite

JOSEPH WATSON, EIT

Winchester, CA

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EXPERIENCE

Design Intern

April 2022 – present

CR Associates, San Diego, CA

- Design of traffic signal, traffic control, and signing and marking plans
- Assistance with engineering estimates for various transportation improvement projects
- Design of and assistance with various exhibits

Field Engineer Intern

June 2021 – September 2021

W.M. Lyles Co., Temecula, CA

EDUCATION

California Polytechnic State University, San Luis Obispo
Bachelor of Science in Civil Engineering

Expected June 2024

TECHNICAL SKILLS

Drafting (AutoCAD and Civil 3D)

- Experience in drafting plans for traffic signals, traffic control, and pavement marking

Modeling

- Trafficware Synchro: Experience in modeling roadways and running LOS analysis

Microsoft Office

- Proficient in Excel

INVOLVEMENT

Institute of Transportation Engineers Western District Student Leadership Summit February 2024

- Led a planning committee of 5 students to plan and coordinate a 3-day summit in San Luis Obispo for over 150 transportation students and professionals from the West Coast and Hawaii
- Coordinated sponsorship, guest speakers, technical sessions, and a career fair from national and local transportation firms

Cal Poly Institute of Transportation Engineers

September 2022 – present

President, 2023-2024 | Professional Coordinator, 2022-2023

- Managed and delegated officer responsibilities to create general meetings, volunteer events, and social events that encourage students to pursue opportunities in the transportation engineering field
- Represented Cal Poly ITE at Student Advisory Board, Engineering Student Council, and ITE Western District Student Leadership Committee to plan events and create engagement strategies
- Coordinated with transportation professionals to organize on-campus meetings and off-campus firm tours

American Society of Civil Engineers Pacific Southwest Symposium

January 2022 – present

Team Captain, March 2023 | Member, 2022

- Led a team of 9 civil engineering students to write a proposal and give a technical presentation, including design exhibits, cost estimate, traffic analysis, and environmental impact analysis of a transportation improvement project in Northridge, CA – placed 3rd overall
- Worked with a team of 8 students to create a proposal and give a technical presentation on an intermodal transportation center in downtown San Diego, CA – placed 2nd overall

LICENSES & CERTIFICATIONS

Engineer-in-Training (EIT)

2023