MATTHEW B. JACOBSON
E.I.T., ENV SP, S.M.ASCE

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EDUCATION

California State Polytechnic University, Pomona   Expected Graduation: May 2021
Bachelor of Science Civil Engineering, Geospatial Option - **GPA: 3.50**

EXPERIENCE

Developmental Services Intern | Kimley-Horn and Associates   May 2019 - Aug. 2020
- Drafted preliminary and final due diligence reports to be used in Request for Proposal (RFP) Evaluations.
- Created and annotate preliminary and final construction documents for site civil plans utilizing AutoCAD Civil 3D.
- Analyzed stormwater run-off areas to calculate storm drain sizing and invert elevations on commercial developments.

Project Manager | Caltrans SR-79 Transportation Senior Project   Aug. 2020 - Present
- Coordinate with 26 students, faculty, and Caltrans Advisors to research, analyze, and identify possible solutions for converting a 6 mile stretch of the existing SR-79 expressway to a freeway condition from the City of Beaumont to the City of Hemet.
- Prepare a Preliminary Project Study Report (PSR), Environmental Impact Study, Geometric Approval Drawings (GAD), Traffic Analysis, Construction Staging, and Cost-Benefit Analysis under the direct supervision of Caltrans District 8 Advisors.

Engineering Intern/Surveying Technician | Hicks and Hartwick Civil Engineering   Jul. 2017 - Aug. 2018
- Utilized AutoCAD Civil 3D to draft Homeowner Lot Exhibits, Grading, Street, Drainage and Sewer Plans.
- Participated in a field survey team conducting construction staking and monument setting for residential housing.
- Calculated pervious and impervious land areas for Water Quality Management Plans (WQMP's) and Erosion Control Plans.

LEADERSHIP AND AFFILIATIONS

ASI Attorney General | Associated Students Inc., California State Polytechnic University, Pomona   Jun. 2020 - Present
- Chair of the ASI Rules and Policies Committee, parliamentarian for the ASI Board of Directors, and the ASI Cabinet.
- Use PolicyStat to manage over 500 ASI Policies and Procedures ensuring entity-wide compliance with state and federal law.

CPP ASCE Student Chapter | California State Polytechnic University, Pomona   Sept. 2017 - Present
- President; 2019 - 2020
- Allocated an annual budget of $80,000 for Student Chapter programs to win a 2020 Certificate of Commendation.
- Quickly adapted to campus, state, and federal mandates that drastically impacted events due to the Coronavirus Pandemic by drafting contingency plans, providing administrative resources for civil engineering clubs, and academic support for students.

- Alumni Relations Chair; 2018 - 2019
- Coordinated the Donald G. Wells Alumni Golf Tournament through which gross raised $42,000 for student competition teams.
- Established an Alumni Mentorship Program to foster the professional development of students for their future careers.

Chair, Student Presidential Group | American Society of Civil Engineers   Aug. 2019 - Present
- Host monthly meetings with over 40 ASCE Student Leaders and Society Leadership to develop and propose ideas that can be presented to the ASCE Board of Direction for action and/or implementation to help students and Student Chapters.
- Authored the Student Membership Op-Out Proposal to increase student member retention in ASCE post-graduation.

Member, Chi Epsilon Honors Society | California State Polytechnic University, Pomona   Aug. 2018 - Present
Member, California Land Surveyors Association | California State Polytechnic University, Pomona   Aug. 2018 - Present
Member, Institute of Transportation Engineers | California State Polytechnic University, Pomona   Sept. 2017 - Present

CERTIFICATIONS

Engineering-In-Training, #170803 | Board for Professional Engineers, Land Surveyors, and Geologists   Issued: April 2020
Envision Sustainability Professional, #38879 | Institute for Sustainable Infrastructure   Expires: June 2021

TECHNICAL SKILLS

Languages: Spanish (Fluent)
Software: AutoCAD Civil 3D, Revit, Microstation, TransCAD, Synchro, Trimble RealWorks, ContextCapture, Infraworks, Bluebeam, PolicyStat, Adobe Photoshop, InDesign, Microsoft Office (Word, Excel and Powerpoint)

AWARDS AND HONORS

- ASCE New Faces of Civil Engineering - Collegiate Edition 2020
- ASCE SB/R Branch Outstanding Civil Engineering Student 2020
- ASCE LA Section Outstanding Civil Engineering Student 2020
- Dean's List (Fall '17, Winter '18, Spring '20, Fall '20)
- ASCE Society-Level Student Leadership Award 2020
- ASCE LA YMF Dr. Bill Goodin Mentor Scholarship 2019