

Jennifer Hernandez

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ACADEMIC QUALIFICATIONS

- 2020 - 2023 **California State Polytechnic University, Pomona, CA**
 - B.S in Civil Engineering
 - Cal Poly Pomona GPA: 3.9

CERTIFICATIONS & PROFESSIONAL LICENSES

- 2022 **ENVISION, SP**
 - Engineer in Training

PROFESSIONAL EXPERIENCE

- Stantec Consulting**
2023-Present
 - Civil Intern - Chevron H2 Fueling Program**
 - Utilize Civil 3D to draw utility line work on topographic map for existing utility drawing
 - Perform existing utility research for each current Chevron program project
- Metropolitan Water District**
2022-2023
 - Pipeline Rehabilitation Project Management Intern**
 - Prepared project management plans for Prestressed Concrete Cylinder Pipes Relining projects
 - Developed project budget and schedule
 - Plan checked and marked maps on Bluebeam Software
 - Ran HEC-RAS inundation flood model to determine flood areas during pipe rupture
- Southern California Edison**
2021-2022
 - Underground Civil Construction Intern**
 - Invoiced completed civil construction jobs
 - Plan checked over 600 As-Built maps in order to process them
 - Created Pivot Tables using Excel to report monthly As-built log
 - Participated in ride-alongs with inspectors to shadow inspections
- Ontario City Hall**
2020
 - Water/Wastewater Engineering Volunteer**
 - Archived completed project of new land development within the past 22 years
 - Approved business licenses for new business
 - Shadowed inspector during BMP inspections
- Chino Basin Water Conservation District**
2018-2019
 - Camp Counselor, Education Outreach**
 - Coordinated open house workshops of over 100 people to promote water conservation
 - Collected, tested, and analyzed water samples from the Santa Ana Watershed

RESEARCH EXPERIENCE

- Cal Poly Pomona**
2022-2023
 - Undergraduate Research Lab Assistant**
 - Collect, examine, and test tap water samples for contamination
 - Analyze and interpret test results using ArcGIS
 - Collaborate with a graduate student to prepare individual report

AFFILIATIONS

- Cal Poly Pomona**
 - 2022 - 2023 **Engineering Leadership Program**
 - 2022 - 2023 **McNair Postbaccalaureate Achievement Program**
 - 2022-2023 **American Society of Civil Engineers**
 - 2021-2023 **CWEA-AWWA (California Water Environment Association- American Water Works)**
 - Vice President External
 - Outreach Chair

EXPERTISE

- AutoCAD
- Excel
- Civil 3D
- ArcGIS
- MATLAB
- MicroStation
- HEC-RAS
- Rocscience
- Adobe Acrobat
- Bluebeam
- Outlook
- Google Docs
- PowerPoint