

Benjamin Maldonado

Civil Engineering – Environmental Emphasis

- Contact Information

- Phone: (636)-347-4739 - Address: 1380 N. Midsite Ave. Covina CA
- E-mail: benjaminmaldonado129@gmail.com

- Education

- **California State Polytechnic University, Pomona (transcripts available upon request)**
- **Bachelor's in Civil Engineering - Environmental Emphasis, Expected 2023**
- High School Diploma - Northview High School, Covina (transcripts available upon request)
- Mechanics of Materials, Fluid Mechanics, Linear Algebra, Differential Equations
- Water Resources, Environmental Engineering, Environmental Remediation, Transportation Engineering
- **Wastewater Treatment Lab Experience (pH, Turbidity, TDS, Alkalinity, Spectrophotometer)**

- Skills

- **AutoCAD: Civil 3D, MicroStation**
- Surveying Equipment: Total Stations, Theodolites, Level & Rod
- Digital Scanning: Trimble Scanning Equipment and Software
- **Microsoft Office suite proficiency, Airtable proficiency**
- MATLAB, Microsoft Visual Studio Basic, Google Earth Pro, HEC-HMS, HEC-SSP

- Work Experience

- **Los Angeles Department of Sanitation – Student Engineer (October 2022-Present)**
- **Current duties involve proofreading PRDs and contracts for the city**
- Experience working in volunteering (carrying out instructions and tasks without supervision)
- Lifecycle Analysis and HERS 2.0 Rating experience
- **Culvert, Channel, and Stormwater Analysis projects during education**
- **Water and Wastewater Treatment Plant design projects during education**
- **Civil 3D Highway Design projects during education**
- Surveyed, scanned and created 3D and 2D models of parts of campus as part of course projects

- Miscellaneous Achievements & Awards

- Volunteer experience and hours with the T.E.A.M organization in Covina (May 2017- March 2019)
- Familiarity with technical communications and drafting reports
- Eager to learn and very adaptable; Work well in a team because of band and volunteering experience
- **Obtained a valid driver's license**