



Ali Bowman

Civil Engineer

📍 Los Angeles, United States email@email.com

Profile

Innovation inspired Civil Engineer with five years of experience in creating green environmental solutions for new residential building projects. Number conscientious and driven by a desire to improve quality, cost, and time metrics across all projects under management. Completed a Bachelor of Science in Geotechnical Engineering and currently in the process of completing the Professional Engineering (PE) exam.

Employment History

Jan 2017 – Present

Walnut Creek

Civil Engineer III at Industrial Construction Projects

Replaced Excel scheduling with Snap Schedule which generated a 30% uptick in work output and decreased third-party labor costs by 25% during the last six months.

- Focus on designing solutions for monitoring water usage for rehabilitation projects conducted by mines in the area
- Responsible for surge analysis and mitigation designs
- Conduct required validation studies by building models to perform calibration and comparison activities simultaneously
- Create master plans for all stormwater infrastructure upgrades by collating draft plans from the junior engineers of the various project sites
- Design environmental efficient (green) water and sewer mains for six new gated estates

Jan 2014 – Dec 2016

Seneca

Civil Engineer II at Orion Excavation

Project lead on excavation consulting projects of between 400 million and 900 million for large scale water and sanitation projects.

- Assisting construction manager on mainly sewage rehabilitation and bridge widening projects over 50 million dollars
- Responsible for initial valuations of 10 project sites per month with accompanied damage survey reporting
- Evaluate flow impairment to waterways in the new metropolitan area and conduct risk reporting and projected damage control expenditure in case of extensive flooding or hurricanes
- Produce draft cost estimation reports for each site area using detailed location maps using ArcGIS

Details

1515 Pacific Ave

Los Angeles, CA 90291, United States

(541) 754-3010

Place of birth

San Antonio

Nationality

American

Driving license

Full

Links

[Facebook](#)

[Twitter](#)

Skills

Civil Engineering

Construction Management

Water Engineering

Waste & Sanitation Infrastructure

Mathematics

STAAD Pro

AutoCAD

Autodesk Revit

Structural Design

Schematics

Building Plans

Etabs

Earth Structures

Physics