

Ali Bowman, Civil Engineer

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|----------------|-------------|-----------------|------|
| Place of birth | San Antonio | Driving license | Full |
| Nationality    | American    |                 |      |

LINKSFacebook, Twitter

PROFILEInnovation 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

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| Jan 2017 — Present  | <div>Civil Engineer III, Industrial Construction ProjectsWalnut Creek</div> <div>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 .</div> <div><ul style="list-style-type: none"><li>Focus on designing solutions for monitoring water usage for rehabilitation projects conducted by mines in the area</li><li>Responsible for surge analysis and mitigation designs</li><li>Conduct required validation studies by building models to perform calibration and comparison activities simultaneously</li><li>Create master plans for all stormwater infrastructure upgrades by collating draft plans from the junior engineers of the various project sites</li><li>Design environmental efficient (green) water and sewer mains for six new gated estates</li></ul></div>  |
| Jan 2014 — Dec 2016 | <div>Civil Engineer II, Orion ExcavationSeneca</div> <div>Project lead on excavation consulting projects of between 400 million and 900 million for large scale water and sanitation projects.</div> <div><ul style="list-style-type: none"><li>Assisting construction manager on mainly sewage rehabilitation and bridge widening projects over 50 million dollars</li><li>Responsible for initial valuations of 10 project sites per month with accompanied damage survey reporting</li><li>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</li><li>Produce draft cost estimation reports for each site area using detailed location maps using ArcGIS</li><li>Act as a community liaison to inform public and municipal agencies of upcoming projects that may affect access to roads in the area</li></ul></div> |
| Jan 2014 — Dec 2014 | <div>Civil Engineer I, Smith &amp; Robertson Commercial Building ProjectsIndian Trail</div> <div>Consulting Engineer on more than 400 complex building projects including sports stadiums, apartment complexes, industrial buildings, and luxury hotels.</div> <div><ul style="list-style-type: none"><li>Upgrade annual, quarterly and monthly project schedules on Suretrak and distribute to Project Manager</li><li>Write memos and appraise monthly expenditure bill before submitting to a government office for approval</li><li>Assist with feasibility studies and draft schematic planning of excavation sites</li><li>Assist with civil design work for commercial infrastructure projects</li><li>Check calculations of structural design for concrete material requirements relating to beams, columns, and foundations</li><li>Coordinate construction activities between Senior Civil Engineers and Site Managers</li></ul></div>        |

EDUCATION

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| Jun 2019 — Present | Professional Engineering (PE) Exam, National Council of Examiners for Engineering and Surveying (NCEES)Seneca |
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