

RUBY ROCKEL

Resident Engineer

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(758) 634-6392

123 Maple Street, Salt Lake City, UT
84101



PROFILE

Results-driven Resident Engineer with 5 years of experience in overseeing construction projects, ensuring compliance with design specifications, and maintaining quality control. Adept at coordinating with clients, architects, and contractors to deliver projects on time and within budget. Demonstrates expertise in construction management, site inspections, and risk assessments, while maintaining a strong commitment to safety and environmental regulations. Proven ability to adapt to new technologies and manage complex projects, fostering a collaborative work environment and achieving project objectives.

LINKS

[linkedin.com/in/rubyrockel](https://www.linkedin.com/in/rubyrockel)

SKILLS

AutoCAD

Python

Revit

MATLAB

SolidWorks

BIM

PLC Programming

LANGUAGES

English

Dutch

EMPLOYMENT HISTORY

Resident Engineer at AECOM, UT

Feb 2023 - Present

- Successfully managed and completed a \$20 million infrastructure project within budget and on schedule, resulting in improved transportation systems for the local community.
- Led a team of 10 engineers and technicians in the design and implementation of a stormwater management system that reduced flooding incidents by 30% in the targeted area.
- Streamlined inspection processes, reducing the average time spent on site visits by 25% and increasing overall project efficiency.
- Collaborated with cross-functional teams to secure over \$5 million in additional funding for vital infrastructure projects, enabling the completion of essential upgrades and improvements.

Assistant Resident Engineer at Michael Baker International, UT

Aug 2018 - Dec 2022

- Successfully completed a \$50 million highway improvement project in Utah by efficiently managing a team of 15 engineers and technicians, resulting in the project being finished 3 months ahead of schedule and 5% under budget.
- Streamlined the inspection and documentation process for a major bridge reconstruction project by implementing a new digital reporting system, leading to a 30% reduction in time spent on paperwork and a 10% increase in overall project efficiency.
- Spearheaded the development and implementation of an innovative construction quality management program, leading to a 20% reduction in rework costs and a 15% improvement in overall project quality for a \$25 million infrastructure upgrade project.

EDUCATION

Bachelor of Science in Civil Engineering at University of Utah, Salt Lake City, UT

Sep 2013 - May 2018

Relevant Coursework: Structural Analysis, Geotechnical Engineering, Transportation Engineering, Fluid Mechanics, Environmental Engineering, Engineering Materials, Construction Management, Surveying, and Engineering Economics.

CERTIFICATES

Certified Construction Manager (CCM)

Apr 2022

Professional Engineer (PE) License