

EXPERIENCE

Ryan Companies, Chicago, IL

- Project Engineer, Mission Critical**
- July 2025 - Present
- Support field construction operations by identifying, drafting, and managing RFIs, observations, and change orders, ensuring issues are tracked and resolved in alignment with project and schedule requirements.
 - Developed a centralized change-order request tool with automated workflows and reminders, reducing cross-platform communication gaps; created build documentation and user guides, and delivered live training to engineers and managers.

Expand Energy, Oklahoma City, OK

- Business Intelligence Specialist, Geotechnical (Intern)**
- June 2024 - August 2024
- Led structured feedback sessions with engineering, geology, and analytics teams to document software requirements, identify gaps in current workflow, and translate user observations into actionable development priorities.
 - Evaluated third-party data providers through side-by-side quality assessments and statistical audits; presented findings to executive leadership, leading to a sourcing adjustment that resulted in \$3.2M annual savings.
 - Designed and deployed Spotfire-based data access portal built with Python and JavaScript, automating data pulls, simplifying mapping and well-planning visuals, and reducing the time and complexity of geologic analysis during the well-planning phase.

M.A. Mortenson Company, DeKalb, IL & Washington, D.C.

- Project Engineer, Electrical Team (Intern)**
- June 2023 - September 2023
- Supported field operations by running daily planning meetings, resolving on-site construction issues, and performing inspections and follow-up evaluations to keep work progressing safely and on schedule.
 - Analyzed project and financial risks for the Electrical scope at the DeKalb Data Center, resolving budgetary disputes with contractors and forecasting upcoming cost obligations to maintain schedule and budget alignment.
 - Developed a lightweight suite of MS Excel Macros to automatically audit and provide initial quality assurance review for contractor/subcontractor expense log alignment, resulting in a 50% reduction in review time.

- Project Engineer, Special Systems Team (Intern)**
- June 2022 - September 2022
- Facilitated project coordination between Mortenson, subcontractors, and the facility owner, ensuring effective communication and timely resolution of in-field challenges.
 - Performed detailed quality assurance reviews of engineering drawings across scopes to proactively address in-wall conflicts on precast and prefab sections, while maintaining compliance with project specifications.

- Field Engineer, ACE Mentorship Program (Intern)**
- June 2021 - August 2021
- Prepared quantity take-offs, verified field measurements, and maintained inspection logs to support day-to-day construction activities on B60 at Ft. McNair in Washington, D.C.
 - Participated in coordination meetings, completed material receipt checks, and performed safety and quality inspections.

EDUCATION

Northwestern University, Evanston, IL

Bachelor of Science in Computer Science, Minor in Data Science

September 2021 - June 2025

GPA: 3.30/4.00

SKILLS

Project Controls
Process Management
Trade Coordination
QA/QC Inspection

Schedule Tracking
Takeoff Generation
Drawing Review
Scope Verification

TECHNOLOGIES

MS Office Suite
Bluebeam Revu
Autodesk BIM 360
BuildingConnected

Procore CMS
Smartsheet
Spotfire

CERTIFICATIONS

OSHA 10