Omar Patel

Field Engineer Intern I

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STRENGTHS

Safety Advocate
Proactively promoted safe practices in construction sites, bolstering compliance awareness among peers and mentors.

Team Collaborator
Frequently facilitated idea exchanges among team members, strengthening group cohesion and project direction.

Detail-Oriented Developer
Demonstrated attention to detail during auditing processes, significantly reducing identified safety issues in the field.

Effective Communicator
Conveyed complex technical information clearly, establishing essential understanding among students and faculty.

Innovative Thinker
Brought fresh ideas to team brainstorming sessions, leading to more efficient project solutions in a competitive environment.

SKILLS

Construction Safety | Surveying | MS Office Suite | Project Management | Site Auditing | Engineering Communication | Collaboration Techniques | Risk Management | Field Operations | Quantity Estimation | Job Hazard Analysis | Construction Math | Layout Interpretation

SUMMARY

Driven Civil Engineering student enthusiastic about contributing technical skills and collaboration to diverse construction projects. Relevant hands-on experience gained through academic projects and internships equips for tackling real-world challenges. Proficiency in MS Office Suite supports effective project documentation and communication. Commitment includes applying Job Hazard Analysis practices for maintaining safety standards while ensuring quality outcomes in engineering tasks. Eager to foster teamwork and innovation within Webber's collaborative environment, promoting advanced solutions for future construction developments.

EDUCATION

Bachelor of Science in Civil Engineering

University of North Carolina at Charlotte GPA: 3.5 2026 Charlotte, NC

Coursework: *Structural Engineering, Construction Management, Environmental Engineering, Surveying Techniques*

TECHNICAL SKILLS

- **Project Management Tools:** Microsoft Project, Trello, Asana
- **Surveying Techniques:** AutoCAD, Total Station, GPS
- **Documentation Tools:** Microsoft Word, Google Docs, Adobe Acrobat
- **Data Analysis Software:** Microsoft Excel, Tableau, R
- **Communication Platforms:** Microsoft Outlook, Slack, Zoom
- **Safety Compliance Standards:** OSHA, ANSI, NIOSH
- **Research Methodologies:** Qualitative Analysis, Quantitative Analysis, Best Practices Review
- **Collaboration Software:** Microsoft Teams, Google Workspace, SharePoint
- **Construction Management Software:** Primavera P6, Buildertrend, CoConstruct
- **Technical Drawing Tools:** SketchUp, Revit, ArchiCAD

EXPERIENCE

Field Engineering Intern

University Project June 2025 - August 2025 Charlotte, NC

Supported field engineering projects focused on safety compliance and project execution. Engaged directly with layouts, site audits, and material specifications, fostering a solid construction foundation.

- Assisted in developing Job Hazard Analysis (JHA), ensuring safety guidelines adherence for field activities.
- Conducted jobsite audits, identifying hazards and suggesting enhancements to mitigate risks.
- Collaborated with team members interpreting engineering designs and creating layouts for project tasks.
- Tracked schedules and materials using MS Excel, improving project workflow efficiency.
- Engaged in detailed surveying tasks for accurate quantity estimations necessary for successful project planning.
- Communicated regularly with peers and instructors to align efforts and successfully meet project milestones.

Construction Technology Assistant

University Research Lab January 2025 - May 2025 Charlotte, NC

Aided research analysis on innovative construction methodologies, focusing on sustainability and efficiency. Collaborated on presentations to disseminate findings, promoting continuous improvement.

- Researched sustainable construction methods emphasizing material efficiency improvements.

Safety Protocols | Material Tracking | Efficient Workflows

LANGUAGES

English — Native

MY CAREER

- Field Engineering Intern at University Project (2 Months)
- Construction Technology Assistant at University Research Lab (4 Months)

- Developed presentations displaying key findings and insights for academic peer review.
- Practiced surveying techniques and construction math through lab exercises, enhancing applied knowledge.
- Collaborated with faculty on an innovative materials impact study analyzing construction efficiencies.
- Gained hands-on software experience with industry tools for comprehensive management applications.
- Actively participated in discussions about best practices related to safety and project management.

LEADERSHIP & AWARDS

- Dean's List, University of North Carolina at Charlotte (2024)
- First Place, Engineering Design Challenge (2025)

CERTIFICATIONS

- OSHA 10-Hour Construction Safety 2025
- Microsoft Office Specialist Certification 2025

PROFESSIONAL AFFILIATIONS

- Member, Civil Engineering Society (2024 – Present)
- Volunteer, Habitat for Humanity (2024 – Present)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST