

# Abraham Hartman

## Field Engineer

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### SUMMARY

Detail-oriented construction engineering graduate embracing a dynamic role in field operations and project management. Experience in planning, scheduling, and executing engineering tasks ensures projects run smoothly. Interpretation of designs facilitates resource acquisition, promoting transparency during undertakings. Identifying solutions to technical problems prevents delays, while strong communication aids collaboration with teams and stakeholders. Commitment to safety underlines every action, aligning with industry standards and ethical practices. Eager to leverage hands-on skills and academic knowledge at MEC Construction Group to contribute positively to ongoing projects.

### EDUCATION

#### Bachelor's Degree in Construction Engineering

University of Springfield 🎓 GPA: 3.5 📅 2026 📍 Springfield, IL

*Coursework: Construction Management, Project Scheduling, Cost Analysis, Safety Protocols*

### TECHNICAL SKILLS

- **Construction Management Tools:** PlanGrid, AutoCAD, Microsoft Project
- **Office Software:** Microsoft Word, Microsoft Excel, Microsoft PowerPoint
- **Research & Analysis:** SPSS, Tableau, R Studio
- **Communication Tools:** Slack, Zoom, Microsoft Teams
- **Safety Training Programs:** First Aid, CPR, OSHA Standards
- **Technical Documentation:** BIM Standards, Construction Specifications, Safety Protocols
- **Project Management Methodologies:** Waterfall, Agile, Lean Principles
- **Quality Assurance Processes:** ISO Standards, Lean Six Sigma, Quality Audits
- **Data Visualization:** Power BI, Google Data Studio, Visio
- **Accounting Software:** QuickBooks, SAP ERP, MS Dynamics

### SKILLS

- Field Engineering
- Data Analysis
- Research Techniques
- Compliance Review
- Cost Control
- Communication
- Documentation
- Interpersonal Skills
- Project Scheduling
- Safety Protocols
- Problem Solving
- Public Speaking
- Material Procurement
- Collaboration
- Critical Thinking

### EXPERIENCE

#### Field Engineering Assistant

University Project 📅 August 2025 - Present 📍 Springfield, IL

Support planning and execution of engineering tasks on large-scale constructions, communicating updates effectively with team members. Collaborate closely with suppliers to secure materials as needed, keeping projects on schedule. Maintain meticulous records detailing job progress and expenses, enhancing overall project clarity.

- Assisted in planning and scheduling tasks, which improved coordination among teams.
- Conducted procurement processes, ensuring timely delivery through supplier relationships.
- Maintained detailed logs regarding costs and resources, fostering transparency and accountability.
- Strategized clear communication to update stakeholders about project milestones.
- Proactively solved minor technical issues during execution, ensuring workflow continuity.
- Participated in safety training sessions, actively promoting on-site safety practices.

#### Construction Management Research Intern

Academic Research 📅 January 2025 - May 2025 📍 Remote

Performed research focusing on cost control measures within construction settings, providing insightful analysis beneficial for future projects. Data evaluation informed presentations shared at university events, boosting public speaking competence when conveying essential findings. Involvement in drafting project plans ensured adherence to established industry guidelines.

- Researched best practices on cost-control, compiling data into actionable reports.
- Used Microsoft Excel for data analysis, spotting patterns in expenditures.
- Collaboratively presented findings at university conference, enriching presentation skills.

- Reviewed project specs to assure conformity to regulations, maintaining quality assurance.
- Actively engaged in meetings to outline project updates and offer solutions to concerns.
- Leveraged project management tools, creating effective timelines that coordinated efforts smoothly.

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## LEADERSHIP & AWARDS

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- Dean's List, University of Springfield, Fall 2024, Spring 2025
- Recipient of the Academic Excellence Scholarship, 2024

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## CERTIFICATIONS

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- OSHA 10-Hour Construction Safety Certification 📅 2026
- Microsoft Office Specialist Certification 📅 2025

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## PROFESSIONAL AFFILIATIONS

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- Member of the Engineering Student Association, participating in workshops and networking events
- Volunteer with Habitat for Humanity, gaining practical experience in construction and community service

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## LANGUAGES

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- English (Native)
- Spanish (Intermediate)

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## ADDITIONAL INFORMATION

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

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## REFERENCES

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AVAILABLE ON REQUEST