

STRENGTHS

- **Team Collaboration**
Actively engaged with teammates to identify problems and devise solutions, fostering a supportive working environment.
- **Lean Methodologies**
Practical applications of Lean principles allowed for determining waste and improving overall production efficiency effectively.
- **Technical Documentation**
Created and organized clear documentation for many projects, assisting peers in easily understanding important processes.
- **Effective Communication**
Presented complex findings to faculty seamlessly, demonstrating an ability to clarify intricate technical concepts succinctly.
- **Project Management**
Oversaw multiple aspects of projects while adhering to deadlines and collaborating dynamically with various stakeholders.

SKILLS

- Lean Manufacturing
- Value Stream Mapping
- Technical Documentation
- Data Analysis
- Project Management
- Team Collaboration
- Process Improvement
- Cost Reduction Strategies
- Continuous Improvement
- Production Workflows
- Manufacturing Principles

SUMMARY

Aspiring Industrial Engineering student eager to apply academic knowledge through hands-on experience. Practical background in ongoing projects emphasizes expertise in Lean manufacturing and continuous improvement techniques. Skilled at collaborating within teams, analyzing production workflows, and creating effective technical documentation for stakeholders. Engage in promoting efficiency through data-driven process evaluations and cost reduction strategies. Committed to supporting operational excellence while gaining valuable insights from industry practices. Ready to contribute positively to organizational efficiency and enhance learning systematically.

EDUCATION

Bachelor of Science in Industrial Engineering

University of Pittsburgh  GPA: 3.5  2027  Pittsburgh, PA

Coursework: Lean Manufacturing, Continuous Improvement, Technical Documentation, Data Analysis

TECHNICAL SKILLS

- **Lean Manufacturing Tools:** Kaizen, 5S, Value Stream Mapping
- **Documentation Standards:** Microsoft Word, Google Docs, LaTeX
- **Data Analysis Software:** Excel, Minitab, R
- **Project Management Tools:** Trello, Asana, JIRA
- **Presentation Tools:** PowerPoint, Prezi, Google Slides
- **Collaboration Platforms:** Slack, Microsoft Teams, Zoom
- **Statistical Analysis Methods:** Regression, ANOVA, Hypothesis Testing
- **Manufacturing Techniques:** Batch Processing, Just-In-Time, Total Quality Management
- **Programming Languages:** Python, MATLAB, C++
- **Research Methodologies:** Surveys, Case Studies, Experiments

EXPERIENCE

- Industrial Engineering Intern**
University Project  January 2026 - Present  Pittsburgh, PA
- Support various continuous improvement initiatives focused on enhancing operational productivity. In this role, collaborate with team members to improve production processes and develop necessary documentation while contributing to project management aspects.
- Collaborated to analyze production timelines, efficaciously identifying bottlenecks and proposing straightforward solutions.
 - Performed value stream mapping exercises targeting enhancements in workflows, achieving a more streamlined approach.
 - Developed comprehensive technical documentation for ongoing initiatives which ensured clarity and ease of understanding.
 - Engaged in cost-saving initiatives by reviewing and analyzing material consumption, proposing viable alternatives.
 - Participated in regular meetings, discussing project progress and adjustments with mentors to remain aligned with objectives.
 - Presented outcomes and proposals to faculty, receiving positive feedback regarding thoroughness and presentation skills.
- Research Assistant**
University Research Lab  September 2025 - December 2025  Pittsburgh, PA
- Assisted research-led initiatives focusing on applying Lean methodologies specifically in electronics manufacturing environments.

Electronics Manufacturing

Research Methodologies

User Testing

Agile Project Management

LANGUAGES



MY CAREER



- Industrial Engineering Intern at University Project (7 Months)
- Research Assistant at University Research Lab (3 Months)

- Supported research in Lean manufacturing principles, focusing on tangible applications within manufacturing settings.
- Collaborated on drafting reports presenting findings and actionable recommendations drawn from extensive research efforts.
- Performed thorough data analysis measuring the impacts of Lean implementations on overall production efficacy.
- Contributed ideas in team settings, leading a project concentrated on waste reduction tactics pertinent to industry standards.
- Conducted literature reviews, developing a strong foundation to support various hypotheses critical to research focus.
- Coordinated lab activities ensuring adherence to strict protocols while maintaining timely completion of tasks.

Team Member

Hackathon Project 📅 March 2025 📍 Pittsburgh, PA

- Involved in a university-hosted hackathon designed to find innovative operational efficiencies in manufacturing sectors.
- Collaborated on brainstorming sessions aiming at designing a digital tool focused on real-time monitoring of production metrics.
 - Executed user testing phases, collecting insightful feedback that informed many design improvements for enhanced usability.
 - Presented final prototypes in front of judges, gaining recognition for both innovation and practical application of concepts.
 - Documented overall project results, gaining first-hand insight on teamwork dynamics and agile methodologies present within each phase.
 - Authored a detailed user manual intended for future applications, ensuring clarity in functionality for users.

LEADERSHIP & AWARDS

- Dean's List, University of Pittsburgh (2025)
- First Place, University Hackathon (2025)

CERTIFICATIONS

- Lean Six Sigma Yellow Belt 📅 2026
- Engineering Project Management 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Engineering Student Association (2024 - Present)
- Volunteer, Pittsburgh Community Service Initiative (2023 - Present)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST