Melissa Anderson

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An Engineering Manager with eight years of experience, specializing in project management, industrial manufacturing, and stakeholder management. A proven track record of overseeing production activities for multi-million-dollar engineering projects.

Education

Master of Science (M.S.) Engineering

University Of Michigan, Ann Arbor, MI May 2013 - May 2014

Bachelor of Science (M.S.) Engineering

University Of Michigan, Ann Arbor, MI September 2009 - May 2013

Key Skills

- Engineering Management
- Industrial Engineering
- Project Management
- Process Improvement
- Operations Management

Professional Experience

Engineering Manager

Excelsior Manufacturing, Detroit, MI | September 2017 - Present

- Oversee manufacturing engineering and maintenance projects valued at \$600K-\$3.5M for an industrial manufacturing company, define project scope, evaluate technical requirements, and ensure alignment with budgets and timelines
- Managed plant operations and production activities, including the fabrication, maintenance, installation, and delivery of electromechanical products
- Identify opportunities to reduce production expenses by 15% by leading negotiations with new suppliers for raw materials

Engineering Manager

Corner Stone Manufacturing, Detroit, MI | June 2014 – September 2017

- Managed capital improvement projects in coordination with the plant manager to enhance production output and improve product delivery timelines by 10%
- Analyzed product designs in coordination with product development teams to ensure compliance with engineering principles, stakeholder specifications, and plant capabilities