

Timothy Anderson

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email@example.com

Forward thinking Mechanical Engineer with over seven years' experience in product design and

development, project management, and quality assurance. Skilled in machining, adhesive bonding,

brazing, soldering, and welding with a strong understanding of engineering mechanics, principles, and

materials. Demonstrated leadership skills that optimize collaboration between departments to produce

high-quality industrial machines and equipment.

Core Qualifications

- Product Development
- Quality Assurance
- Project Management
- Safety Management
- Documentation
- Inventory Management
- Workflow Optimization
- Team Leadership

Professional Experience

Mechanical Engineer

4/1/2010 - Present

BANNER SOLUTIONS

Marshall, MN

- Support planning, design, and development of tools, engines, machines, and mechanical equipment.

- Met with client and customers to review product specifications and define project scopes of work.

- Oversee installation, operation, and maintenance of equipment for all regional plants.

- Plan workforce utilization, space requirements, and equipment layouts to optimize workflows.

- Establish and reinforce maintenance and safety procedures, service schedules, and facilities

maintenance procedures to maintain machines and equipment.

- Work with planning and design teams to drive product development and review tooling

specifications.

- Author assembly process procedures such as maintenance, process guidelines, and testing

protocols.

Associate Mechanical Engineer (June 2008 to February 2010)

5/1/2008 - 2/1/2010

HARMON LABORATORIES

Brainerd, MN

- Provided technical support to prepare and coordinate designs for industrial projects.

- Interpreted designs and schematics, and reviewed drawings and sketches to support

construction work, change orders, and calculate estimates.

- Performed stress analysis on piping systems and worked with designers to select supports and

support locations.

- Generated and distributed documentation records, including status reports, punch lists, material

requirement calculations, and hydraulic calculations to team members and supervisor.

- Collaborated with industrial designers to create products and test prototypes.

Mechanical Design Intern

1/1/2008 - 5/1/2008

- Modeled and designed functions using specialty machines according to pre-defined specifications.

- Developed drawing packages for fabrication and assembly, and converted models and parts for proposal engineers; determined materials and supplies based on design requirements and budget.

- Prepared Bills of Materials for purchase items, and verified part numbers matched design requirements.

- Maintained accurate project records such as updated drawings and documents throughout project lifecycle.

Education

Master of Science: Mechanical Engineering, University of Minnesota Twin Cities, Minneapolis, MN - 2008

Bachelor of Science: Mechanical Engineering, University of Minnesota, Duluth, MN - 2005

Technical Skills

SolidWorks, AutoCAD, Microsoft Office Suite