

# Nathaniel J. Miller

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(814)-515-7145

## OBJECTIVE:

To obtain a production manager position

## EDUCATION:

### **Pennsylvania State University, University Park, PA**

Bachelor of Science, Mechanical Engineering

- Graduation date: May 2013
- Computer experience: Solid Works, AutoCAD, ANSYS, Matlab, Excel, Word
- Engineering electives: FEA, Advanced Machine Design, Control Systems
- GPA: **3.82/4.0**
- Passed the FE Exam

## WORK EXPERIENCE:

### **Rockland Manufacturing CO., Bedford, PA**

Process Engineering Intern, June 10, 2013- Present

- Worked with plant manager to increase production using Theory of Constraints
- Developed procedures to collect and record time study data for production areas

### **Cambria Cogen, Northern Star Generation, Ebensburg, PA**

Engineering Intern, June 2011 - August 2011, May 2012 - August 2012

- Conducted testing and analysis of sulfur capture process with the goal of minimizing the cost and planning for future regulation changes
- Developed procedures for testing and analyzing major pumps and heat exchangers
- Conducted testing of the cooling tower and condenser to find relationships between their performance and the weather

### **7D Industries, Shapes and Doors Division, Altoona, PA**

Production Line Supervisor, October 2005- August 2009

Assembly, April 2004-October 2005

- Supervised production line of up to five employees
- Trained all new employees and performed evaluations
- Initiated improvements to the product and the manufacturing process

## ACTIVITIES:

Leadership at church

- Lead worship at church and at a drug rehab every week
- Teach adult Bible classes