

Jordan J Powers

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OBJECTIVE

To obtain a position in engineering where academic knowledge can be used to assist the company in attaining quality and production goals, and remain competitive in today's global market.

EDUCATION

University of Maine, Orono, Maine

B.S. Mechanical Engineering Technology

Expected May 2012

Minor Electrical Engineering Technology

GPA: 3.2

Maine E.I.T, 2011

Engineering Projects:

Senior Project: Presently designing and fabricating a "Rolling Ball Machine" for the Children's Discovery Museum in Bangor. A current team member, my duties include; creating the specifications for the project, brainstorming ideas, building mock ups, keeping an up to date log book, and holding team meetings.

Vise Project: Designed a unique vise and modeled it in a 3D program. The program also extracted a parts lists. Then I fabricated the vise in a machine shop using lathes and horizontal mills.

Microcontrollers: Programmed a microprocessor to become a voltmeter that could measure up to 12 volts.

ASTM Standard Hardness Tests: Performed standardized tests to meet industry standards for soils and concrete.

PROFESSIONAL EXPERIENCE

S.W. Cole Engineering INC, Caribou, Maine (Summer 2011)

Field Technician

- Tested soils at various job sites with a nuclear densometer. Tested concrete to ACI (American Concrete Institute) specifications for air content, slump, and concrete cylinders for compression tests at the lab.

Lab Technician

- Tested soil brought back to the lab for moisture density and gradation. Broke concrete cylinders for compression strength to ensure they met job specifications.

Powers Roofing & Sheet Metal, Caribou, Maine (Summers 2005-2011)

Preventative Maintenance (Summers 2008-2010)

- Responded quickly to customers specific needs to increase the company's customer satisfaction. Performed final inspections of job sites before jobs were closed out.
- Tracked inventory, troubleshoot problems and fabricated custom metal for commercial and domestic use.

Roofing Mechanic (Summers 2005-2007)

- Performed commercial roofing and estimated crew work performance daily.
- Worked as a team to ensure jobs were done on time and done properly.

TECHNICAL SKILLS

-Microsoft Office Suite
-Drafting
-3D Solid modeling CAD Software

ACCOMPLISHMENTS

-Passed the Fundamentals of Engineering
-ACI Certified (Grade 1)
-Eagle Scout