

Jonathan B. Campbell

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Current Address
639 Gardiner Rd.
Wiscasset, ME 04578

School Address
P.O. Box 119
Stillwater, ME 04489

OBJECTIVE: To obtain a full-time Mechanical/Design Engineering Position

EDUCATION:

University of Maine - Orono, ME 04469
BS Mechanical Engineering Technology
BS Electrical Engineering Technology Minor
Expected Date of Graduation: May 2012

ENGINEERING RELATED PROJECTS:

Senior Capstone – As a team project I have been designing and creating detailed drawings (using Solid Works) of a kinematic sculpture for a local children's museum. Detailed records of program scheduling, fabrication costs and design changes are being maintained. Completion date is Spring Semester 2012.

Vise Design Project – Created a working milling machine vise using Solid Edge 3D modeling and detailed drawing functions. The vise components were fabricated from mild steel using machine shop equipment and tools.

Steam Engine Fabrication – As a team project, fabricated components of a miniature steam engine from mild steel. Milling machines, lathes, surface grinders, drill presses and metal saws were used during the fabrication process. The function of the completed model assembly was demonstrated using compressed air.

WORK EXPERIENCE:

CDI Aerospace Engineering - Lynn, Massachusetts *May - Aug 2011*

Worked as a detail drafter on GE Aviation engine components and test cell drawings; Used Unigraphics 3D modeling software to complete change in design requests, shop modification updates and test cell instrumentation drawing updates.

Process Development Center at the University of Maine – Orono, Maine *Dec 2011 – Present*

Worked as a research assistant getting quotes for walk-in ovens, milling machines, Lathes, Pressure Screens, Hydraulic Presses, etc; Assembled/fabricated test equipment and moved shop equipment around.

Hannaford Brothers Co. - Damariscotta, Maine *May 2007-Jan 2010*

Worked as a Shift Leader in the Deli Department

HONORS:

Boy Scouts of America - Eagle Scout and Order of the Arrow Member
High School National Honor Society Member
Boy Scout Troop 201 Senior Patrol Leader
Cross Country Team Captain and MVP 2008
Louis Armstrong Jazz Award, Trumpet 2008

SKILLS:

Used Microsoft Word, Excel, Power Point, Visio and Project to create memos, reports, etc.
Created wiring diagrams for microchips and PLCs.
Performed a variety of different strength test analysis while following the ASTM standards.

INTERESTS:

College Intramural Sports (Team Captain), hockey, biking, hiking, skiing, snowmobiling and performing restoration work on cars and snowmobiles.