

Brian Martel

108 Chamberlain Road- Uxbridge, Massachusetts 01569
Cell: (508) 340-9579 brian.martel@maine.edu

Education

UNIVERSITY OF MAINE- Orono, Maine
Major: Mechanical Engineering Technology
Expected graduation date: May 2013

Work Experience

Sudbury Taylor Rental- Sudbury Massachusetts
General maintenance [summers 2006-2011]

- Maintained Lawn care machines and contractor grade equipment
- Repaired CAT, JCB, Takeuchi, Ditch Witch, Komatsu, and Kubota Machines.
- Worked on projects varying from truck body work to small engine repairs
- Ordered parts necessary for repair

Technical Skills

- Created a small steam engine using Solid Edge (3D modeling software). Created 2D drawings from this model and worked with team to manufacture the steam engine. Our engine reached the highest RPM of the class.
- Designed a machinist's vise to meet specifications. Manufactured the necessary parts using a vertical mill and lathe based off 2D drawings extracted from 3D design.
- Solved engineering problems Utilizing formulas, functions and charts in Microsoft Excel.
- Converted 3D models into CNC code using Surfcam.
- Complete tests and create Reports in accordance with ASTM standards.

Extracurricular Activities/Interest

- Competed four years in NCAA Division I Indoor/Outdoor Track and Field
- School record holder in the Heptathlon and part of the School Record 4x400m relay. Second all time school record in the decathlon
- Rock climbing
- Hiking/backpacking
- Testing/Reviewing backpacking equipment for outdoor equipment retailers

References available upon request