Bradley M. Stawicki

Home: 15 Ormsbee Ave. - Westerville, OH 43081
College: Box # 996 - 200 Campus Dr. - Grove City, PA 16127
E-mail Address: Stawickibm1@gcc.edu Cell Phone: (xxx) xxx-xxxx

OBJECTIVE: To obtain a full-time position in the field of Mechanical Engineering with a company which can utilize an individual who displays refined leadership and interpersonal skills, and thrives in team settings.

EDUCATION: **Grove City College, Grove City, PA**
Bachelor of Science in Mechanical Engineering – *May 2011*
4 year ABET Accredited Program
x.xx Major GPA/ x.xx Overall GPA
Eagle Scout- Boy Scouts of America- Summer 2006

ENGINEERING EXPERIENCE:

Senior Design Project – Human Powered Vehicle Differential Team – Current
Design a system of gears which will distribute power from the drive train to two driven wheels.
- Serving in the roles of Project Manager and Special Features Designer.
- Leading the team in an effective manner which utilizes the strengths of the various team members.
- Communicating between the Faculty Advisor and the Design team to ensure the final product is in compliance with the original design criteria.
- Analyzing the feasibility of including a limited slip or locking mechanism in the design of the differential.

Engineering Intern – Franklin International Adhesives – Columbus, OH – Summer 2010
Assisted the Project Engineering Department in the installation of a 2500 gallon mixer for the production of wood adhesives.
- Displayed project management abilities by taking on leadership responsibilities during the temporary absence of the Senior Project Engineer.
- Managed the processes of obtaining quotes and submitting purchase orders for the project, showing organization abilities and interpersonal skills.
- Coordinated with various contractors to ensure the design was installed correctly and in a time-efficient manner.

Engineering Intern –DOE Loan Guarantee Program – Parsons Corporation – Washington, D.C. – Summer 2009
Provided independent engineering and technical services to Department of Energy's Loan Guarantee Program which was started by the Energy Policy Act of 2005 and has been continued under President Obama's Recovery and Reinvestment Act of 2009.
- Designed and constructed the project's SharePoint document control site which proved to be more functional and user friendly than the previous document collection system.
- Acted as the administrator of the site by ensuring documents were properly added and by providing training for senior engineers and additional team members.
- Developed Quality Assurance survey within the project to make the review process more efficient.
- Collected market research in the area of renewable energy in order to brief the Review Team and to predict future projects.
- Assisted in the compiling of the Program Management Plan in compliance with Parsons corporate standards.

Machine Shop Assistant – Grove City College – Grove City, PA – Fall 2009 - Current
- Received extensive training in operating and maintaining machining equipment.
- Produced parts for Senior Design Projects, as well as for the Mechanical Engineering Department.
- Provided other students with hands-on training in working with the equipment.

TECHNICAL SKILLS:
- Software - ProEngineer Wildfire 5.0, Matlab 6, Mathematica 7, Office 2007, Project, Visio, SharePoint.
- Platforms - Windows 7, Mac OS X.
- Machining – Manual Mill, Manual Lathe, CNC Lathe, CNC Machining Center, Drill Press.

ACTIVITIES AND COMMUNITY SERVICE:
- Member of Alpha Epsilon Chi Housing Group; participant in group service projects – Spring 2008–Current.
- Performed in College Children's Theatre Production – Spring 2009.
- Participated in three week-long trips to provide aid for Hurricane Katrina victims – Spring 2007–Spring 2009.
- Participated with the Grove City Men's Rugby Team – Spring 2008.
- Played High School Varsity Football – Fall 2003–Fall 2006.
- Participated in missions trips to Peru – August 2005 and Guatemala –August 2003.