JILL BUGGYNBOOTH

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OBJECTIVE

To obtain a summer internship in the field of mechanical engineering.

EDUCATION

Carnegie Mellon University   Pittsburgh, PA
Bachelor of Science in Mechanical Engineering, May 2012
Minor in Psychology
Overall GPA: 3.0/4.0

PROJECTS

Head Mechanic and Buggy Chairperson, 2010-present
- Designed and built an unpowered vehicle (buggy), out of composite materials, for annual engineering and athletic racing competition
- Designed and manufactured all steering, braking and mounting components
- Used AutoCAD to design shell and ANSYS to analyze stresses
- New design decreased race time by more than 5 seconds
- Dedicated more than 50 hours to designing and building the buggy

Mechanical Crane Project, Spring 2010
- Designed a mechanical crane to lift a weight to a pre-determined height
- Cooperated with my team to combine ideas and to make a class presentation

WORK EXPERIENCE

Happy Summer Camp   Springfield, NJ
Camp Counselor, Summer 2009
- Created and coordinated activities for ten campers 10-12 years old
- Helped administrators set-up for parents weekend

LEADERSHIP

Vice-President, **American Society of Mechanical Engineers (ASME),** Fall 2010-present
- Organize monthly speaker series, which has seven corporate and alumni speakers
- Motivate the 65 members to attend meetings and events

Manager, Booth Competition, ASME, Spring 2011
Booth is part of the Carnegie Mellon annual spring carnival. Students design and build carnival booths 20'x15'x18' in dimension
- Led a team of 60 students over a three-month period in creating, designing, and building a 20 foot high booth
- Coordinated five project leaders to develop interactive and educational components for the booth's interior

SKILLS

Software: MS Office, AutoCAD, MatLAB, ANSYS, MS Project, C++
Languages: Fluent in French

ACTIVITIES & HONORS

"Pusher" in Buggy Competition: pushed vehicle on a 2-mile relay course, Spring 2009
Swim Team, Carnegie Mellon, 2009-present
Society of Women Engineers (SWE), 2008-present
American Society of Mechanical Engineers (ASME), 2008-present
Orchestra, Best High School, 2005-2008
College of Engineering Dean's List, Fall 2011