

Tyler Olsen

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Objective

To obtain a (full time/part time/co-op) position in the field of Engineering

Education

Penn State University -Aerospace Engineering Track August 2013 – Present
University Park, PA

Currently enrolled at Penn State University in the process of obtaining a Bachelors degree in Aerospace engineering

Coursework:

- Fall Semester: General Physics – Mechanics, Calculus I, Chemistry Principles I, Macro Economics, Engineering Design Ethics First Year Seminar
- Spring Semester: General Physics – Electricity & Magnetism, Calculus II, Intro to Engineering Design, Rhetoric & Composition, Media & Democracy

Bishop Shanahan High School September 2009 – June 2013
Downingtown PA

Work Experience

- Cashier at Stauffer's Market Oct. 2011 – present
- Chain Crew at Downingtown Middle School football games 9th – 12th grade

Experience

Engineering Class Bottle Rocket Project

- Designed our launcher and bottle combination in AutoCAD from various viewing angles
- Completed most progress reports explaining and describing our improvement for each stage of the project
- Carried out majority of the building, testing, and improvement on individual launcher and bottle designs
- Led the team in coordinating meeting times

Engineering In-Class Cardboard and Straw Table Project

- As a team, we constructed a design that earned first place due to a design that held 14 textbooks
- Responsible for making sure final design was buildable and strong using cardboard strips and straws for support

Activities

- Led my High School Track and Field Team as Captain of the Jumping Team
- Enhanced my leadership and teamwork skills playing Basketball
- Sound Crew for school play 11th – 12th grade
- Cyber Security Summit at Temple University
- Global Economic Forum (G20 Summit) at Temple University
- World Affairs Club

Skills

- Advanced knowledge in PC or Mac operating systems
- Basic knowledge of Dreamweaver and HTML programming
- Basic knowledge of AutoCAD
- Spanish - 3 years