

Tyler S. Druce

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Objective: To obtain an internship or co-op experience in Aerospace Engineering during the summer of 2011.

Education: **The Pennsylvania State University - University Park, PA**
Pursuing a B.S. in Aerospace Engineering
Cumulative GPA: 3.55
Expected graduation date: May 2014

Central Bucks High School South - Warrington, PA June 2010
Graduated Cum Laude with Scholar's Diploma
Cumulative GPA: 3.72

Experience: **Student Space Programs Laboratory (SSPL) – University Park** January 2010 - Present
Thermal Sub-team, OSIRIS Project (current) – Microsatellite designed to measure atmospheric plasma density.

- Responsible for keeping all critical components in their operational temperature range while in orbit.
- Responsible for picking appropriate patch heaters based on the satellite's battery voltage, heater's current capacity, and overall wattage able to be delivered.
- Responsible for finding appropriate thermally conductive material and contacting companies to obtain engineering samples to test properties of such material.
- Responsible for integrating an automatic heating system with thermally conductive material over critical components.

Philadelphia Sports Club- Chalfont, PA January 2008 – Present
Certified Lifeguard

- Responsible for safety of swimmers and maintenance of pools.

Activities: **Member**, Sigma Alpha Epsilon (Fraternity)
Member, American Institute of Aeronautics and Astronautics (AIAA)
Member, Blue & White Society

Skills: **Computer** – Proficient at Microsoft Office Suite

References available upon request