

JACOB WALLACE

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PROFESSIONAL EXPERIENCE

TEMPLE ALLEN INDUSTRIES INC

ROCKVILLE MARYLAND UNITED STATES

Intern September 2011 - May 2012

Temple Allen Industries designs and manufactures mechanical arms used in the marine and aerospace industry for high precision sanding.

- Interfaced with both the engineers and the machinists, providing detailed instructions to the production floor.
- Responsible for ensuring that the machine floor was fully stocked. Interacted with suppliers to ensure that any non-inventoried parts were purchased in a timely manner, to support production requirements.
- Researched and specified a new air compressor. Identified and met with potential distributors to review requirements and determine appropriate systems available that could meet our requirements in a price effective manner.

EDUCATION

PENNSYLVANIA STATE UNIVERSITY

UNIVERSITY PARK PA UNITED STATES

Aerospace Engineer Candidate, December 2016

- Certified to operate a variety of machines/tools including band saws, lathes, water cutter, drill press, sander, and endmills at PSU machine shops
- Active member of THON, largest run student-run philanthropy in the world, focused on raising funds for the fight against pediatric cancer
- Relevant course work includes: Physics (mechanics), Physics (electricity and magnetism), Engineering Mechanics (statics and mechanics of materials), Math (calculus 1), Math (calculus 2), Economics (micro), Economics (macro), Economics (international), Chemistry

ADDITIONAL SKILLS & INTERESTS

Computer Skills

Solidworks, C++, Microsoft Office (Excel, Powerpoint, Word)

Tae Kwon Do

Achieved First Degree Black Belt in Taekwondo

Lacrosse Coach – Player & Assistant/Defensive Coordinator

Configured defensive strategy for beginning lacrosse players in the U11 and under segment. Taught basic lacrosse techniques.

Other Interests

Skiing, Rock Climbing, Hiking