

COLE ROBERTSON

PERMANENT ADDRESS

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LOCAL ADDRESS

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Toledo, Ohio 43607
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OBJECTIVE

My objective is to participate in an innovative and ethical aerospace-related internship exemplifying my graduate research intentions in fluid mechanics and thermal sciences.

EDUCATION

August 2013 – Present

The University of Toledo, Toledo, Ohio
Bachelor of Science, Mechanical Engineering

- Graduation Date: May 2017
- Grade Point Average: 3.975

HONORS & AWARDS

- President's List, The University of Toledo, Spring and Summer 2014, Fall 2015, Fall 2016
- Rocket Scholar Scholarship and Lempart Talent Scholarship

COMPUTER SKILLS

- AutoCAD 2012, Solid Works 2012, Matlab, MS Office Suite, Instron, COMSOL

EXPERIENCE

August 2014— Present

University of Toledo, Toledo, Ohio
Learning Enhancement Center - Mathematics and Engineering Tutor

- Math Subjects: Algebra, Calculus I-III, Differential Equations, and Trigonometry.
- Engineering Subjects: Statics, Mechanical Design, Heat Transfer, and Thermodynamics.

January 2015— July 2015

COOK Medical, Bloomington, Indiana
Engineering Testing Laboratory - Engineering Co-op

- Analyze ISO, BS, EN, ANSI, ASTM, and other standards for testing medical devices.

Surgery SBU - Engineering Intern

- Perform Gap Analyses to remediate available or needed testing for Surgery products.

August 2015— April 2016

Dynamic and Smart Systems Laboratory, Toledo, Ohio
Undergraduate Researcher

- Researched biomedical applications for shape memory alloys.
- Presented GERD valve design at LaunchPad Central event at Wayne State University.

March 2016— September 2016

Genius Garage, Sylvania, Ohio
Cockpit Design, Aerodynamics, and Safety Intern

- Prepared cockpit and safety systems on a 1988 IMSA GT1 (700 hp) Corvette for racing.

May 2016— August 2016

Fiat Chrysler Automobiles, Perrysburg, Ohio
Toledo Machining Plant - Manufacturing Intern

- Utilized World Class Manufacturing techniques for the Professional Maintenance Pillar.
- Supervised a PM project to eliminate around \$64,000 in breakdown losses.

COLLEGIATE ACTIVITIES

- Member of the Propulsion Team for the University of Toledo Rocketry Club.
- Creator and President of the University of Toledo Chomedy Club.
- Member of the University of Toledo Engineering Council Event Committee.
- Calculus III Grading Assistant.
- Gymnastics Coach for the Fort Meigs YMCA.
- Principal Bassist for the University Orchestra.

SPECIAL SKILLS & INTERESTS

- Experience with the fabrication of a 1978 Greenwood Corvette chassis.
- Involved with local charity groups.
- Performing the classical guitar.
- Ran in the 40th Annual Glass City Marathon.