

Brandon Michael Smith

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175 Vining Run
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OBJECTIVE An engineering internship beginning Summer 2016

EDUCATION **Bachelor of Science in Civil Engineering** GPA: 3.00
The Pennsylvania State University, University Park, PA
Anticipated Graduation: May 2019

Relevant Courses

Engineering Design & Graphics Calculus I
Physics – Mechanics General Chemistry

WORK EXPERIENCE **Pre-College Physics Research Internship** June – August 2014
Delaware State University, Dover, DE

- Conducted a research project studying the economic and environmental impacts and practicality of 3-D printing and additive manufacturing on the optics equipment industry
- Received funding in the form of a \$1500 grant provided by NASA and the NSF (NASA URC 5 grant # NNX09AU90A & NSF-CREST grant # 1242067)
- Presented findings at a research symposium to more than 100 people
- Facilitated an interest in 3-D printing at the institution

SOFTWARE & SKILLS **Proficient In:**

- Autodesk AutoCAD, Inventor, Revit, & Fusion 360
- Solidworks
- Java
- HTML/CSS
- French
- Adobe Photoshop CC
- MakerBot Desktop

LEADERSHIP & INVOLVEMENT Marketing Chair, Penn State Students for Sanders, 2015-Present
President, Caesar Rodney High School French Club, 2014-2015
Volunteer, THON Fundraising, spent a weekend soliciting donations from cars, 2015-Present
Member, 3-D Printing Club, Produced a Quad-Copter for a team competition, 2015-Present
Executive Board Member, Students for Humanitarian Refugee Action, 2016-Present
Member, ATLAS For The Kids (THON organization), 2015-Present
Member, Penn State French Club, 2015-Present
Member, National Honors Society, Volunteering, 2013-2015
National Contestant, Technology Student Association, 1st place at the state level, 2013-2015
Member, Delaware All-State Band (Tuba), Achieved Principal Chair, 2011-2014

HONORS Graduated in top 10% of high school class with National Honors Society distinction
AP Scholar Award