

Jack C. Hornet

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EDUCATION: Delaware State University, Dover Delaware, Graduation May 2017

- Current Cumulative GPA: 3.48/4.0
- Major: **Electrical Engineering**

TECHNICAL/NON-TECHNICAL SKILLS:

- MatLab, LabVIEW, Python, Programming with Microsoft Visual Basic
- Drafting and Design- CAD and Architectural CAD
- Public Speaking

RELEVANT COURSES (SPRING 2015):

- Elements of Computer Programming I
- Signals and Systems
- Calculus III
- Scientific Programming

WORK EXPERIENCE:

Undergraduate Student Research Internship (June 2014- May 2015)

Delaware State University, Dover, DE

- Involved in academic research of Fast real-time fitting of direct absorption spectroscopy signals for high precision greenhouse gas sensors
- Used MatLab to create a filter to block out noise other than carbon dioxide and methane
- Used LabVIEW operate MatLab programming into LabVIEW simulations

SRC (Science Resource Center) Library Monitor (January 2014 – May 2014)

Delaware State University, Dover, DE

- Monitor SRC room ensuring environment is suitable for STEM students to study and the environment is quiet and conducive to learning.

Meat Preparation Assistant

Fishing, Newport, DE (May 2009 – August 2013)

- Producing smoked chicken, fish, beef, and other sea foods for a family-run business

Assistant

Evergreen, Hockessin, Delaware (Summers 2010 and 2011)

- Delivering cans and handing out flyers for the zone area assigned for an environment sanitation company.

STRATEGIC LEADERSHIP:

- Peer Mentor for The Science and Mathematics Initiative for Learning Enrichment 2014 Summer Training Camp
- Leaders By Example- Group runs tutoring programs for AI DuPont high school and middle school and Linden Hill Elementary school. 2012 to 2013
- Captain of the varsity indoor and outdoor track team for my high school(2012-2013)

ACTIVITIES/AWARDS:

- Indoor and Outdoor Track and Field from 2011 – Present
- SMILE Program(**Science and Math Initiative for Learning Enrichment**) 2013-Present
- Naval Academy Science and Engineering Conference 2014 Best Poster Award
- MEAC 2014-2015 Academic Honors
- All Academic Hornet Team for Delaware State University athletics(2012-2013)
- Fall 2013 and 2014 semester Deans List
- 2014 Service Award Crusaders Youth Camp
- Delaware State University STEM Scholarship
- Inspire Scholarship