

Jackson C. Williams

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EDUCATION

North Carolina State University, Raleigh, NC

B.S. in Electrical Engineering: Renewable Electric Energy Systems, May 2018

GPA: 3.495

Grimsley High School, Greensboro, NC

GPA: 4.27

EXPERIENCE

Steward, NCSU Sustainability Office, Raleigh, NC

October 2014 – Present

- Serve alongside Sustainability Office to educate students, inspire behavior change, and implement campus projects, all in order to promote sustainability and mitigate climate change effects
- Recent project included bringing a solar powered outdoor shelter to NCSU's Central Campus. The endeavor encompassed analyzing solar energy potential among different locations, designing the structure, researching the output of energy needed to meet projected demands, and writing a \$25,000 dollar grant proposal
- Gained experience in the grant writing process and the policies that go into University installations
- Experience as a whole has broadened my knowledge of sustainability, especially outside of the energy field

Engineering Intern, Energizer, Asheboro, NC

Summer 2015

- Worked alongside Energizer Battery Manufacturing Engineering Team to produce high quality batteries and the lowest possible cost
 - Projects included: diagnosing pneumatic conveying irregularities, office restructuring, improving line efficiencies by recommending various machine relocations, numerous data reports detailing plant activity and project progress
 - Increased pneumatic conveying process efficiency by 179%
 - Developed critical Project Management skills including how to properly draft scope documents and proper work breakdown structures for high level projects
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HONORS & AWARDS

•Eagle Scout Award •Guilford County Schools Service Learning Diploma Recipient •National Honor Society President •Scholar Athlete Award •Academic Excellence with Special Honors
•Science Olympiad Silver Medalist •AP Scholar