

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

Policy Intern, North Carolina Clean Energy Technology Center, Raleigh, NC

January 2016 – Present

- Summarized utility incentives and policies for energy efficiency and renewable energy on the Database of State Incentives for Renewables and Efficiency website (DSIRE), which receives nearly 200,000 unique visitors every month
- Experience with policy related research and analysis

Community Assistant, Honors Village Commons, North Carolina State University

January 2015 - Present

- My responsibilities as a Community Assistant include maintaining all hall logs, package distribution, key distribution, answering phone lines, facilitating room check-ins and check-outs, working alongside Residential Advisors, and ultimately providing customer service for students, parents, and administrators.

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

Server/Banquet Staff, Starmount Forest Country Club, Greensboro, NC

March 2014-August 2014

- Responsible for catering to the needs of members and other high class clientele through food service and banquet displays
- Acquired skills in public relations and business attributed to the service industry

Host, Carrabba's Italian Grill, Greensboro, NC

October 2013-March 2014

- Learned valuable customer relationship and communication skills
- Gained experience in a fast and demanding work environment involving intensive planning and strategic placement in order to accommodate a consistent overflow of customers.

Expediter, Wolfgang Puck Pizza Bar, Greensboro, NC

- Responsible for instructing kitchen to fire courses based on an appropriate timetable
- Head trainer of new employees in Server Assisting and Expediting
- Attained key efficiency experience in a fast-paced work environment

Aquatic Instructor, Cherokee Scout Reservation, Yanceyville, NC

June 2011 – August 2012

- Learned different teaching methods and how to keep participants engaged and interested on a particular subject
- Responsible for training and certifying lifeguards through the BSA Lifeguard Program
- Managed the instruction of young boys unable to swim. Taught the life-long valuable skill of swimming to those who otherwise may not have been exposed to the opportunity of learning how to appropriately swim
- Taught Scouts Lifesaving, Kayaking, Rowing, Small Boat Sailing, Canoeing, and Swimming merit badges

LEADERSHIP 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

Partners Committee Member, Service Raleigh, Raleigh, NC

September 2014 – March 2015

- Service Raleigh is an annual citywide day of service started in 1998. Each year, volunteers from the university and surrounding community unite to undertake a variety of projects, each of which provides much needed assistance to local organizations
- As a member of the Partners Committee for Service Raleigh, I develop contacts with local organizations in need of volunteer work. In a large-scale coordination effort I work to ensure the non-profit organizations of Raleigh, NC all benefit from the large scale of service provided through the thousands Service Raleigh volunteer participants

Hall Representative, Quad Area Residence Hall Council, North Carolina State University

September 2014 – May 2015

- As a member of the Quad Area Council (QAC) I work with other representatives to bring small and large scale programs to the "Quad" at North Carolina State University. This involves the planning and implementation of programs, as well as working to approve funds and balance the council's annual budget, in an effort to bring residents of the Quad exciting, educational, and memorable programs throughout the school year

President, National Honor Society, Grimsley High School

September 2013 - June 2014

- While President of the Torchlight Chapter of NHS, I led a group of 60 students in leadership development and fostered opportunity for educational enrichment from fellow NHS members to the entire student body
- This experience heightened my public speaking skills and overall leadership abilities through

Student Advisory Board Member, Kids Voting, Guilford County, NC

October 2011 - March 2014

- While volunteering for the Student Advisory Board for Kids Voting, I gained experience in hosting and teaching leadership seminars for high school students. In addition to leadership experience, I gained insight on the inner workings of the voter registration process and national/local poll day logistics

President, Venture Crew 111, Greensboro NC

March 2013 - August 2013

- Serving as the first President of Venture Crew 111, I was responsible for leading monthly meetings as well as coordinating monthly high adventure trips that include but are not limited to: Backpacking, White Water Rafting, Canoeing and Kayaking
- Our paramount trip included a five-day, 50 mile kayaking trip throughout the Outer Banks of North Carolina

Student Government Representative, Grimsley High School, Greensboro, NC

August 2011 - June 2013

- During my two years as a member of Grimsley High School's Student Council, I helped facilitate the creation of a school food bank, organized and participated in various school fundraisers, promoted school spirit, and aided in the creation of the school's first prom dance specifically for the disabled students attending Grimsley High School

Senior Patrol Leader, Boy Scout Troop 111, Greensboro, NC

October 2012 - April 2013

- Duties for this position included leading the troop in all meetings, activities, trips, and an annual summer camp. In addition the Senior Patrol Leader is responsible for planning an entire calendar year of monthly activities

Executive Board Member, Future Business Leaders of America, Greensboro, NC

October 2011 - March 2013

- As a member of the FBLA leadership team, I worked on a team to coordinate a countywide leadership forum at North Carolina's Castle McCullough. The forum included various public speakers on topics such as investing, dressing for success, acing interviews, as well as business administration from our keynote group speaker - Ralph Lauren

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

SKILLS

- 70 WPM Typing Speed
 - Proficiency in Google Sites Optimization
 - Proficiency with Github Software Development Tool
 - Leadership
 - Public Speaking
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