

Jonathan E.J. Burnley

Objective

To acquire an entry-level position as a mechanical engineer, to further my experience with renewable energy technology in a challenging and collaborative environment.

Education

Rutgers University, School of Engineering,

Bachelor of Science in Mechanical Engineering

New Brunswick, NJ

May 2018

Honors and Awards

- Valedictorian (Keansburg High School, GPA:4.0) May 2014
 - Eagle Scout Award (Highest Award in Scouting) Nov. 2014
 - NJAA Scholarship (New Jersey Amusement Association) Sept. 2014
 - James Dickson Carr Scholarship (For academic performance) Sept. 2014
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Work Experience

Rutgers Office of Information Technology

Consultant

New Brunswick, NJ

April 2016-Present

- Administers 1-on-1 assistance for patrons requiring technical support.
- Completes troubleshooting and maintenance for a multitude of computer lab devices.

Remington Vernick and Vena Engineers

Engineering Intern

Old Bridge, NJ

May 2015- Aug. 2017

- Drafted review letters of development applications for compliance with codes applicable to the municipality and made recommendations regarding engineering, architectural, surveying and other technical concerns.
- Continuously achieved managerial approval after the final revisions of review letters.

Mark Leadership Conference

Logistics Captain

New Brunswick, NJ

Oct. 2016-Mar. 2017

- Redesigned and constructed various structures for the program, including the award ceremony.
- Recruited and trained 53 student volunteers to assist with numerous tasks for the conference.

Forestburg Scout Reservation

Technology Instructor

Forestburgh, NY

June 2012- Aug. 2012

- Coordinated activities and taught merit badges for space exploration, astronomy, and electricity to approximately 120 total Boy Scouts ranging from ages 10-17.
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Competencies and Skills

Technical Skills

SolidWorks, MATLAB, LabVIEW, Maple, Adobe Photoshop, MS (Word/Publisher/ PowerPoint/ Excel), machine shop, FCC Technician Class license, and Red Cross (AED/CPR/First Aid) certified.

Leadership Skills

Public speaking and presentation, active listening, mentoring, project conceptualization and event planning.

Activities

- American Society of Mechanical Engineers (ASME) Oct. 2017-Present
 - National Society of Black Engineers (NSBE) Oct. 2017-Present
 - LEx Leader Corps Ambassador Sept. 2017-Present
 - Lead Up Academy Jan. 2015- May 2016
 - Society of Hispanic Engineers (SHE) Sept. 2014-May 2016
 - American Institute of Aeronautics and Astronautics Sept. 2014-May 2016
 - Runaway Rapids Waterpark- Lifeguard May 2014-Aug. 2014
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