

Tad W. Forster

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Objective: Seeking full-time employment in the field of Electrical Engineering

Education: **Bachelor of Science, Electrical Engineering** May 2019
Area Concentration: Power Engineering GPA: 3.34/4.00
Rose-Hulman Institute of Technology, Terre Haute, IN

Related Courses: Industrial Power Systems, Control of Power Systems, Power and Energy Systems 1 & 2, Sustainable Energy Systems

Skills:

- Familiar with reading electrical drawings and schematics
- Circuit construction and simulation in Pspice
- Experienced using Windchill software to perform reliability predictions
- Proficient with Microsoft Office Suite/Google Suite -Knowledgeable of HALT and HASS principles

Internships: **Raytheon, Indianapolis, IN** June-Aug 2018
Electrical Engineering Intern

- Currently hold active United States Government security clearance
- Worked with Product Realization Teams to facilitate process improvements and mitigate cost
- Developed a system that will be used for studying the effects of electrostatic discharge during routine processes
- Mapped requirements from low level to top level assemblies to ensure compatibility and proper functionality
- Created bill of materials and captured cost for projects

Rolls Royce, Indianapolis, IN Mar-Aug 2017
Electrical Engineering Co-op

- Worked in conjunction with reliability engineers to complete Reliability Enhancement Tests on various avionics products.
- Coordinated Proof of Screen testing to verify a candidate HASS profile for use in product manufacturing.
- Performed reliability predictions in order to determine MTBF and product failure rates.
- Conducted component Derating Analysis to insure products adhered to company and customer derating guidelines.
- Documented prediction and test results in detailed technical reports
- Collaborated with multidisciplinary teams across numerous departments to complete projects efficiently

Leadership: Student Government Association (senator), Rose-Hulman 2017 - Present

Activities: Pi Kappa Alpha Fraternity (brother)
Institute of Electrical and Electronics Engineers (member)

Honors: Rose-Hulman Institute of Technology Dean's List (6)
Alpha Lambda Delta Honor Fraternity
Electrical Industry Scholarship Program recipient