

Electrical Engineering Internships at Wallops Island, VA

This Internship opportunity is from January 2017 through August 2017

Please apply for this position on our website - https://careers.orbitalatk.com/res_joblist.html

With projected annual revenues in of nearly\$4.5 billion, approximately 12,000 employees, and operations in about 20 states, Orbital ATK is a company on the move. Our mission is to ensure that our customers accomplish their mission — whether it's a technological breakthrough, a satellite launch, or protecting our nation. The company is the world's leading supplier of solid rocket motors, a leading provider of launch vehicles, satellites and other space systems, and the nation's largest manufacturer of ammunition.

- Orbital ATK Space Systems Group designs, manufactures and operates small and medium-class spacecraft for communications, imaging, scientific, exploration and national security space applications. The Group is leading supplier of space components that power and enable satellites of all classes, provides technical engineering services to government agencies and laboratories, and is developing exciting new satellite servicing and advanced space flight technologies.

Orbital ATK is looking for interns to support the Electrical Engineering Department of the NASA Sounding Rocket Operations Contract (NSROC). NSROC implements the work of the NASA Sounding Rocket program (NSRP) to fully design, build, integrate, test, and fly sounding rockets via expendable suborbital rockets to study a host of scientific objectives.

- Interns at NSROC are given the opportunity to work on flight hardware and flight designs including design, analysis, and testing, as well as apply theoretical knowledge to solve real world engineering problems.

United in pride and shared goals, Orbital ATK employees come from diverse backgrounds and work together to deliver reliable, innovative and affordable solution. Work with the best and unleash your potential.

If you are a dynamic, successful, driven professional, Orbital ATK is the company that will further your experience and career growth.

Job Description:

- Research, develop, design, and test electrical components, equipment, and systems; applying principles and techniques of electrical engineering.
- Develops applications of controls, instruments, and systems for government and commercial sounding rocket programs; and of operational procedures and practices as they apply to sub-orbital rockets.
- Apply programming and computer application skills such as Lab-View/Windows, C, C++, OrCad, Microsoft Office, and Matlab.
- Operational proficiency with electronic equipment such as oscilloscopes, spectrum analyzers, logic analyzers, signal generators, power supplies, multi-meters, etc. as well as components such as microcontrollers, PIC's, EPLD, PLD's, DSP's
- Practice and learn competent technical professional behavior including memorandum writing, email and calendar usage via Outlook, and report weekly activities to supervisor via status reports. Present a capstone presentation at end of term to Senior Management.
- If required, assist with testing in the Environmental Testing Lab.
- Perform related duties as assigned.

Qualifications:

- 3-7 semesters of college engineering program completed.
- Exposure to circuit design and RF components.
- Familiarity with CAD
- Excellent written and oral communication skills
- Excellent time management and organizational skills

Preferred Qualifications:

- Preference is given to students who can "co-op" through either spring and summer or summer and fall. Summer only is on a limited basis.
- Junior level student status
- Familiarity with Lab-View/Windows, C, C++, OrCad, Microsoft Office, and Matlab.

Education/Certifications/Experience:

- Pursuing an Electrical or Computer Engineering degree.

Orbital ATK is applying entrepreneurial thinking and commercial practices to deliver reliable, innovative and affordable products and services to our customers and grow our core areas while harnessing new technologies that will take our products – and your ideas – into the future. When encouraged to think beyond the ordinary, you'll be amazed at what you can do!

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Equal Opportunity Employer M/F/V/D

Are you a Veteran? Visit our [Jobs for Veterans](#) page to find jobs that match your military background.

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