

Hardware Test Engineer

U.S. Citizenship Required

Charon Technologies, LLC specializes in designing and building hardware and software to meet our customers' next requirement. We focus on offering devices that can be fielded immediately to meet the mission needs that lie directly ahead. Size, weight, power, and packaging are of paramount importance in everything we design and build. Our expertise allows us to rapidly provide these solutions in specialized electronic/mechanical design, embedded & application-level software, reverse engineering & protocol analysis, and RF signals exploitation and communications systems. Successful candidates must be willing and able to obtain a security clearance and pass a pre-employment drug screen.

We are looking for a Hardware Test Engineer who will work closely with design engineers and manufacturing operations to design, implement, and improve test processes for products.

Ideal candidates will be proficient with:

- Testing electronic systems including hardware, subsystems, and firmware
- Writing test plans and execute these plans to support ongoing and new product development programs as well as manufacturing
- Analyzing test results and write design verification test reports
- Making RF, digital and analog test setups & writing scripts to facilitate semi-automated testing
- Assisting engineering and manufacturing with system bring up

Successful candidates will need extensive experience in the following areas:

- Experience as lead test engineer on a project strongly preferred
- Experience writing efficient, detailed and precise test methods that verify product requirements, and participate in the refinement of these requirements as necessary
- Ability to read an electrical schematic and understand its function
- Experience with programming language for scripting such as C++, C#, Java, Python
- Strong problem-solving and debugging abilities
- Excellent communication and documentation skills

Qualifications:

- 5+ years equivalent work experience testing hardware
- Bachelor's degree in Electrical Engineering or Computer Engineering or related technical fields preferred



We work in a unique environment that's employee and family-friendly. Our employees enjoy:

- Generous salary, holidays, vacation and sick leave;
- The best PC or MAC – your choice – with at least two large monitors;
- Highly subsidized health, dental plans and life insurance;
- Sponsorship of running and cycling clubs;
- 401k plan w/company match that vests immediately;
- Private or semi-private window offices;
- Tuition/educational assistance program;
- Casual dress and flexible schedule;
- Free snacks, Starbucks coffee, and other beverages;
- Free lunch or breakfast weekly, summer family picnic, and winter holiday party;
- Convenient location in Herndon - bike or walk to work with showers in the facility.

We are proud to be an Equal Opportunity Employer and do not discriminate on the basis of race, religion, gender, national origin, color, age, military service eligibility or veteran status, disability, sexual orientation, gender identity, marital status or any other protected class. We encourage and support workplace diversity.

Qualified candidates may submit resumes to hr@charontech.com in Microsoft Word or Adobe PDF format. Charon Technologies, LLC is an Equal Opportunity Employer M/F/D/V.

No third parties, no agencies, no subcontractors need apply.

