Intelligent Automation, Inc. (IAI) is a leading Research and Development organization headquartered in Rockville, Maryland, that conducts state of the art research and product development in the fast evolving areas of Cyber Security, Distributed Intelligent Systems, Communications, Sensors, Robotics, Signal Processing and Communications, and Air Traffic Control. IAI provides exciting work and job growth opportunities, a stable work environment, competitive compensation and benefits and opportunities to work on projects that can make a difference. For more information on IAI, please visit http://www.i-a-i.com. Apply to this job via, https://home2.eease.adp.com/recruit2/?id=6982872&t=1. If you have any questions, or have difficulty submitting your resume, please send an email to hr-careers@i-a-i.com or call our Human Resources office at 301-294-5231.

IAI is currently seeking a software engineer with proficiency in firmware, OS, and low-level app design, prototyping, implementation, analysis and debugging. Candidates should have excellent written and verbal communication skills and a proven ability to document their processes and development methodologies.

**Duties:**

- Kernel module design and implementation
- Embedded application design
- Lab prototype and debug

**Required skills and experience:**

- C experience (particularly firmware), Assembly, operating system understanding
- C++ experience
- GCC experience
- Linux experience
- Skills in test plan writing, execution and design iteration
- Ability and willingness to work in a high-paced team environment.
- US citizenship or Permanent Residency is preferred.
- A Bachelor’s degree or higher in a field related to software development is required.
- Experience with Linux/Windows driver development is a plus

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.