



Position Title: Embedded Software Developer

Location: Dahlgren, Virginia

Clearance Requirement: SECRET Security Clearance

Status: FOR IMMEDIATE HIRE

SE2S is seeking a Embedded Software Developer to support the Autonomous Weapons Branch (H63) to develop and integrate autonomy and artificial intelligence (AAI) enabled weapon systems. We are searching for an accomplished Mid-Senior Software Developer to join our team and lead the development of cutting-edge computer vision solutions. As a member of the team, you will have a pivotal role in designing, implementing, and deploying computer vision algorithms and systems that will drive innovation within our organization.

Job responsibilities include:

- Develop embedded software for new and existing systems.
- Develop and support Android applications using Kotlin to interact with microcontrollers or other embedded systems.
- Develop and support Desktop applications to interact with microcontrollers or other embedded systems.
- Support testing and assessment of embedded systems locally and at external locations.
- Utilize software development best practices within government development processes.
- Identify and incorporate the latest hardware, technology, and techniques in this rapidly evolving environment.
- Routinely collaborate with the government team through regularly scheduled meetings onsite.

Qualifications and Competencies:

- Minimum of 5 years of experience conducting coding with C, Kotlin, Java, and other related/similar software.
- Minimum of 3 years of experience conducting embedded software development for hardware.
- Knowledge of hardware architectures, microcontrollers and communication protocols.
- Ability to debug and troubleshoot hardware-software interfaces at a low-level using tools, such as an oscilloscope, logic analyzers, etc.
- Knowledge of writing test cases, unit testing and validation of hardware software integration
- Knowledge of Android/Desktop GUI development.
- Knowledge of the TCP/IP protocol suite, including network stack integration and socket programming.
- Knowledge in diagnosing and resolving network-related issues, including network configuration, connectivity, and data transmission problems.
- Knowledge of Weapon Systems and Command & Control Systems.
- Ability to work in a fast paced, range/field environment with a focus on fielding a product.
- Ability to work with others to meet established goals and program schedules.
- Ability to communicate effectively, both verbally and in writing.

SE2S offers a highly competitive package of pay and benefits including Paid Time Off and Holidays, 401(K) match and flexible medical benefit plans for the well-being of you and your family. Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information. For more information or to apply, email recruiting@stratsupport.com or visit www.stratsupport.com.