



Sr. Software Development/Tools Engineer – Tewksbury, Massachusetts

IDEX America Inc. and its parent company IDEX ASA, a leading developer of fingerprint sensor devices, is expanding its Tewksbury, MA development center.

Are you a highly motivated and talented software engineer? Do you like developing a very broad set of tools that help developers and test engineers with all aspects of their work? Do you love the latest in software development and test methodologies and tools? Do you enjoy fast-paced environments and making a personal impact?

We need tools for continuous integration, data collection, analysis, debug, sensor calibration, and automated testing, production test, and much more. The ideal candidate is ready to undertake the tasks and responsibilities listed, and has the experience listed, or equivalent.

- Tasks and responsibilities:**
- Develop broad range of tools to assist developers, testers, FAEs and customers
 - Data collection, analysis and debug tools
 - Test and calibration tools
 - Production test tools
 - Module test tools
- Experience:**
- 5 years of software development and testing experience
 - C, C++, C#, Windows, Linux, Python, bash
 - Experience in developing, deploying and supporting tools for embedded systems
 - Experience using or creating automated test and continuous integration frameworks.
 - Experience collecting, managing, and visualizing large data sets
 - Experience developing cross-platform GUI, web, and command line applications
 - Able to work within a multi-discipline, globally diverse team
 - Excellent problem solving and debugging skills
- Education:**
- Bachelor or Master degree in Computer Science, Computer Engineering, Electrical Engineering, or related disciplines
 - Highly motivated and excited by the prospect of working on innovative technologies in a fast-paced environment
- Personal capabilities:**
- Ambitious; able to work independently; self-assured and outgoing
 - Creative, pragmatic and easy to work with
 - Enjoying responsibility for a diverse portfolio of projects and assignments
 - Excellent communication skills
 - Quality conscious with an eye for detail
 - Structured and documented work methods
- Potential:**
- IDEX is a pioneering company in fingerprint sensing technology. We are technically advanced in our field. The organization is small and compact, and we have informal and stimulating work environment. There is a spectrum of challenges and you will have an opportunity to grow with us. You will have extensive contact with customers, suppliers and management. We offer competitive compensation and terms and a share-based incentive scheme.
- Work place:**
- Full-time position in Tewksbury, Massachusetts
- Travel activity:**
- Occasional domestic and international travel, depending on projects
- IDEX ASA:**
- IDEX ASA specializes in fingerprint imaging and recognition technology. IDEX's vision is to ensure individuals a safe, secure, and user-friendly use of personal ID.



IDEX has developed the award-winning SmartFinger® technology platform based on the company's core intellectual property, including the patented fingerprint imaging principle, sensing scheme and chip design. Combined with core software solutions for imaging and authentication, the SmartFinger technology enables on-device enrollment, template storage and verification within the very same module. SmartFinger solutions can be seamlessly integrated into a variety of embedded applications such as mobile phones, one-time password devices, Smartcards, payment and ID cards, payment terminals, access control devices and biometric security and login tokens.

Web site: www.idex.no

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