



Sr. Software 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 SW engineer that loves working on embedded systems? Are you someone who wants to be part of a growing biometrics company and enjoys working with other highly talented engineers? Do you enjoy architecting and developing small footprint embedded software? Are you never satisfied with the status quo and passionate about innovation and developing best in class solutions?

Tasks and responsibilities:

- Develop software for Android, Windows, or embedded systems, communicating with fingerprint sensors.
- Establish and promote best software practices throughout the company
- Undertake open ended design and investigation activities based on internal and external customer input
- Perform technical analysis across multiple domains such as system-level partitioning, use-case definition, system BW analysis, firmware subsystem architecture, sensor modeling and performance estimation, system power consumption for various use cases, power management and low-power design.

Experience:

- 7 years of software system development experience
- Experience developing SW for Trusted Zone
- Embedded system architecture and systems partitioning experience
- Able to work within a multi-discipline team
- Excellent problem solving and debugging skills

Desirable Experience:

- Recent mobile handset or tablet experience is highly desirable.
- Recent experience with SPI & USB communications highly desirable
- Mix of hardware, software and firmware experience highly desirable

Education:

- Bachelor or Master degree in Electrical Engineering, Computer Engineering or related disciplines

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

Contact: careers(at)idexus.com