



## Embedded Software Developer

IDEX Biometrics (IDEX) is a company designing and selling biometric fingerprints solutions to multi-billion-dollar markets including smart cards, mobiles and the Internet of Things. The company is in the early phase of commercialisation preparing for volume deliveries and is also developing next generation products.

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:**
- Programming in C and C++
  - Design and development of low-level drivers and real-time applications for low-resource microcontrollers
  - Design and development of kernel drivers for mobile platforms
  - Documentation
  - Participation in the development team on customer-focused projects together with international partners
  - Planning and implementation of quality assurance activities
  - Technical customer support
- Experience:**
- Experienced work with embedded systems using dedicated micro controllers
  - Experience with SPI, I2C and USB communication interfaces
  - Experience with Cortex-M0/M3/M4 micro controllers
  - Experience with Secure Elements and secure operating systems
  - Experience with low power systems
  - Able to work within a multi-discipline team
  - Project management, deep and broad understanding of production technology
  - Relevant product development is a benefit
- Education:**
- Master's or Bachelor's degree in computer science with specialization in embedded programming or related subjects
- Personal capabilities:**
- Self-driven and able to deliver; excellent academic results
  - Creative, pragmatic and easy to work with; service-minded
  - Interested and willing to handle a diverse portfolio of projects and assignments
  - Good communicator, using English as the working language.
  - Quality conscious and with an eye for detail
  - Structured and documented work methods
- Work place:**
- Full-time position in Farnborough, UK
- Travel Activity:**
- Occasional domestic and international travel, depending on projects