

Embedded Software Engineer

Employment Type : Full-time
Location : Rayleigh, Essex
Experience : Mid/Senior level

Job Description

Educational & work experience requirements

- 2:1 Computer Science degree or Electronics Engineering degree.
- Minimum 3-5 years work experience with embedded platforms

Essential skills

- Proficient in Embedded programming (ARM controllers, Microchip, etc.)
- Experience with low level drivers (SPI, IIC, UART, LED drivers, LCD drivers, etc.)
- Good principles on OO programming, UML, design patterns and data structures
- Familiar with SOLID and TDD principles for high quality SW development
- Knowledge of Software Version Control systems (Git and SVN)
- Willingness to work with legacy code when necessary
- Hands on attitude and great communication skills to liaise with other SW and HW engineers
- Great problem-solving skills

Good to have, not essential

- Linux development (drivers, Yocto, etc.)
- Scripting (bash, Python, etc.)
- Cloud computing experience (AWS or similar)

Main responsibilities

- Design, debug and maintain high quality firmware and software for high end audio electronics systems
- Responsible for documenting and archiving the SW designs
- Validating HW prototypes and fault finding on new designs
- Writing tests for TDD
- Designing UI interfaces and other UI entities (LED, sensors, etc.)
- Keeping a close control on deadlines and priorities

Please send C.V and covering letter by email to: -

Jon Green
Electronics Manager
recruitment@monitoraudio.com