

Job Specification – Senior Embedded Engineer

Tactiq is looking for a talented Senior Embedded Engineer to join its dynamic team to develop challenging embedded, real-time software applications, device drivers and electronics for the medical, automotive, defence and industrial sectors. This position offers an intermediate level engineer an excellent opportunity to grow module design, systems design and team leadership skills in a dynamic, supportive environment. There may be occasional travel overseas.

Salary: Up to £45,000 (depending on knowledge and experience) plus benefits

Roles and Responsibilities

Under the guidance of a Principle or Lead Engineer you will implement, test and debug embedded software for a range of applications including medical imaging, automotive and acoustic signal processing. You will work with leading edge technology alongside highly skilled engineers and program managers, all with proven track records of executing demanding projects. The role will include:

- Leading small projects
- Contributing to system designs
- Design and implementation of embedded software in C and other languages
- Test and debug of embedded systems using a variety of commercial and in-house tools
- Use of version control systems
- Creating requirements, design and test documents
- Contributing to project planning and status review
- Execution to an agreed project plan
- Liaising with the client and the client's team
- Potential travel to client's premises for integration testing and support

Professional/Educational Requirements

- Qualified to BSc and desirably an MSc in Electronics, Computer Science, Physics or Maths.
- Minimum of two years developing C and/or C++ for embedded products.
- Development of real-time software
- Design and debug of electronics
- Familiarity with embedded and real-time software debugging techniques
- Working knowledge of structured and object orientated design

Desirable:

- Task estimation and project planning
- Experience in DSP or signal processing
- Knowledge of User Interface development or the .NET environment
- Full software product development life-cycle experience
- Application of UML and use of object oriented design tools
- Software development using other languages e.g.:
Assembler, JAVA, C#, Python, Ruby, Perl, C-Shell, Bash scripts
- Modelling and simulation using Matlab and Simulink tools
- Familiarity with embedded coding standards and methodologies

Person Specification

- Good written and oral communication skills
- Strong team player and capable of working on your own
- Previous experience in a similar role
- Excellent time manager
- Dedication and desire to complete projects to tight deadlines
- Team leadership skills
- Keen and motivated for further development