



Graduate developer - Job Description

About us

Coderus is an established, innovative software development and consultancy business primarily focusing on mobile and embedded applications for the consumer market. Our rapid growth in the last few years means we are regularly on the lookout for talented and passionate developers to join our growing team. The majority of our developments have been in the consumer device sector, but we are currently diversifying our client base and need to recruit capable developers with ideas and ability to support our new projects.

The role

You will be responsible for delivering a project or a substantial part of a project within the team, the overall approach and design tools used being agreed with the lead architect or MD. Developments will require a disciplined approach and you will need to demonstrate excellent organisational skills in planning, documenting, forecasting task durations and keeping to agreed schedules. A good communicator, with the ability to see a project from a clients perspective so as to stimulate discussion with stakeholders and developers. You will need to be familiar with current software development and management tools and use the software management systems used by Coderus, Agile development as well waterfall development methodologies.

This is a great opportunity to join a progressive, technology led team directly involved in the development of exciting commercial software products for existing clients, new clients and our own internal projects.

Education

You should have strong academic skills with either a 1st or 2:1 classification degree or masters in Computer Science, Software Engineering or similar degree subject. As important, is a real enthusiasm and passion for software development. As well as University projects, you are also likely to have produced your own personal projects that will demonstrate your abilities and creativity.

Platform skills

These should include many or all of the following...

- Mobile (iOS, Android) – Objective C, Java
- Desktop (Mac/Windows) application development – Objective C, C#, .Net
- Embedded – C/C++
- Server software development and web applications – HTML, CSS, JavaScript, PHP, NodeJS, MySQL

Essential skills and responsibilities

- Breaking down program requirements into their simplest elements and translating this logic into a programming language
- Clarifying what actions a program is intended to perform

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- Devising possible solutions to anticipated problems
- Working as part of a team on a particular project and/or providing support to others on an occasional basis.
- Designing/running unit tests to check that output from a program works as intended
- The ability to handle and configure client consumer devices, development boards and reference designs used in the development process
- Reacting to problems and correcting a program as necessary
- Updating, repairing, modifying and developing existing software and applications
- Keeping up to date with trends in design tools to ensure the most effective and maintainable program designs are produced
- Supporting the QA team with issue investigation and test case planning
- Providing or supporting customer issue resolution
- Being focused and determined to produce only the very best results
- Adhering to a project's schedule and raising any concerns in meeting deadlines promptly
- Ability and willingness to work unsupervised
- Have good communications skills and an excellent grasp of the English language
- Occasional working hours flexibility in order to meet crucial deadlines.

Desirable skills and responsibilities

- Working with customers to develop and review customer requirements
- Designing or supporting the design of user interfaces
- Evaluating and increasing a program's effectiveness
- Adapting a program to new requirements, as necessary
- Writing detailed documentation covering the operation of a program as required
- Consulting manuals, periodicals and technical reports to learn new ways to develop programs and maintain existing skills and knowledge
- Ability and keenness to work with previously unfamiliar technologies

Company culture and identity

Founded by MD, Mark Thomas in the late 90's, Mark has a passion and dedication for delivering only the very best solutions. There is an expectation that everyone works to the highest standards in order to achieve the best possible customer satisfaction. Our main development focus is mobile and embedded applications for the consumer market, but we see these skills also being applicable to smart and IoT (Internet of Things) devices and other market sectors in future. In order to deliver a complete customer package, we also develop supporting desktop applications, server applications and provide firmware consultancy. Coderus uses the latest development tools and technologies, and industry standard software management systems and delivery techniques. For more information, see our website - www.coderus.com

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Location and travel

All positions are located within our 'Innovation Martlesham' offices on the BT Adastral park campus, east of Ipswich where there are excellent facilities (shops, restaurant, car park and various recreational facilities) and a natural open environment well suited to modern hi-tech businesses, see the website - www.innovationmartlesham.com

There are good road connections and regular buses between the campus and Ipswich and Woodbridge. There is also a regular shuttle bus between the campus and Ipswich railway station for staff and visitor use.

Remuneration and benefits

An attractive and negotiable starting salary is available depending on skills, ability and experience, plus the usual company benefits including web based training and mentoring. Starting leave allowance is 28 days p.a. increasing annually. Other benefits are being considered as company grows. 40 hour working week.

There are excellent and convenient facilities locally in Ipswich and Woodbridge are short distance away, providing a wide variety of accommodation and entertainment. London is also within easy reach.

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