Software Intern (Summer 2018)

Job Ref: SIS-1701

Job Description:

ITDev provides fully managed technology design services from its modern high-tech offices on the Southampton Science Park. Despite being a small company with a family atmosphere, our software and electronics designs touch the lives of millions of people every day. Whether it is through our contributions to the Android operating system, or through our work on broadcast equipment that delivers television content throughout the world, you have probably experienced the results of some of our projects already. We deliver design services for audio/video system development under our Imicast brand.

We are looking for a software intern to work alongside other interns and our talented team of Software and Electronics Design Engineers. The primary role of the successful candidate will be to develop, test and support bespoke software on internal projects.

Key Responsibilities:

- Designing and implementing web-based and PC-based software applications to meet requirements
- Integrating software components, testing and debugging code
- Liaising with stakeholders as required
- Ensuring software is developed according to relevant standards

Past projects

Previous summer internships have involved work on a variety of projects including:

- Non-contact heart rate measurement from video
- Location tracking using an Imagination Technologies CI-40 development board and Raspberry Pi
- Transport stream capture and playout on a Zynq development board, including Linux kernel bring-up
- Internal portal and database development
- Open source virtualisation project

Competences and Skills:

The following skills will put any potential candidate in a favourable light:

- Experience of:
  - Machine vision
  - Image/video processing
  - Digital signal processing
  - Audio
- C / C++ / C#, Python, PHP, Java
- Knowledge of relational database design, including experience of SQL
- Experience of user interface design and frameworks, such as QT
- Familiarity with Linux platforms

Candidates will be expected to demonstrate the following skills:

- Team player
- Quality focussed
- Proactive communicator
- Professional image
- Ability to quickly learn new technologies and tools

Qualifications and Experience:

The ideal candidate will be targeting a 1st / 2:1 degree in Software Engineering, Computer Science or similar from a leading university.

Location:

Southampton Science Park, set in 45 acres of landscaped grounds

ITDev Benefits:

- Flexible working
- Pro-rata holiday, plus bank holidays

Salary guide: £17k pro-rata

Application Details

To apply for a position at ITDev, please send your CV with a covering letter to jobs@itdev.co.uk. Please quote the reference id and explain why you are suited to this position. Please only apply if you have an unrestricted right to work in the UK. We will only respond to individual applicants. No agencies please.

Equal Opportunities

We are an equal opportunities employer (see our code of conduct for more information).