6 Month Software Development Internship

The company

Despite its conservative name, the host company was established to revolutionise the way enterprise grade software is built and integrated. It intends to substantially reduce the $1T spent globally with the software services sector, shifting the emphasis away from hand-crafted code towards reusable components and automated assembly. This is the industrialisation of enterprise software.

To achieve this, the company has created a new formal language to capture and regularise the way big organisations carry out day-to-day activities. Using this, experts work together to develop best practise for their own operational areas. This becomes the specification for the software systems that support those operations. Code is generated by the language to integrate those systems, without the need for any hand crafting. Of course all this only applies to common, well understood activities, but today, even these are high risk, high cost challenges for big organisations like business, government, health care and the military. This is why there are so many headlines about software project failures.

The experts who use the language are likely to be anywhere in the world and it is expected that teams of 4-6 people will work together to develop best practise in their areas. This means the language needs to be offered within a collaboration platform, which is made available as Software as a Service. The platform not only enables remote, collaborative editing, but also version control and user access control.

The company was formally established in September 2013 and consists of the founder and CEO, and the CIO, working with other collaborators and advisors. Both have extensive experience in telecoms management software, which is the initial focus of the business. It is pre-revenue at this stage and is based in Bath, Somerset in the south west of the UK, where the candidate will work.

The role

This is an amazing opportunity for a student to become involved at the start of a major transformation in software and become part of the story. The candidate will support the development of the management platform, focusing on the development, test and documentation of the web-based presentation layer and the user experience. This will sit above the enterprise-grade core platform that is built using the eclipse workbench. Maximum use will be made of off-the-shelf Open Source software.

The intention is to make the whole solution data driven and re-configurable, using well defined software components and explicit orchestration. This means the candidate will gain valuable experience in the development of high quality, well designed software as well as the Open Source software market. They will also benefit from exposure to how the enterprise software market place works and the enterprises that use it.

Start

The start date is ideally summer 2014, or as soon as possible given the Erasmus process and academic schedule.

Duration

The scope of the internship is 6 months, but the hope is to maintain the relationship beyond this.

Location

Bath. A world-heritage city in the South West of England which hosts two great universities. With a truly international feel it has wonderful cultural experiences and is just 1.5 hour train journey from London and a 15 minute train journey from the vibrant city of Bristol.

Essential Skills

- Web application development, such as HTML 5, javascript, jsp,..
- Java
- The eclipse workbench
- Graphical user interface design
- Version control, using GIT
- Remote collaboration with colleagues
- Fluent English speaking

Tasks

- Building online applications on top of an enterprise scale eclipse-based system
- Focus on the user workflow using a micro workflow components
- Focus on the user graphical experience
- Use of iterative, highly interactive development methodology
- Work as one of a highly intelligent, highly motivated group of people who are committed to boot-strapping their start-up business

Benefits

Accommodation, utility bills, TV Licence, Internet Access and UK commuter travel to the place of work will be paid for by the host company. This will be sourced and managed on your behalf by ESPA. Most of our interns receive an Erasmus grant please check with your school if you are able to apply for such a grant. **The company also operates a share option scheme that rewards quality contributions to the business.**

How to apply

Visit www.espauk.com, register and send your CV with a cover letter. This is a FREE service to students to find quality internships in UK host companies.

Are you eligible?

ESPA vacancies are open to all EU passport holders able to travel to the UK for an educational work placement, without the need for visa documents.