

Sam Cordingley

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Profile

I am a highly motivated student seeking a challenging internship in a Computer Science related field. As an internationally travelled and culturally aware individual, I have developed skills of teamwork and decision making throughout my life. I am also technically skilled with professional programming experience and a passionate and driven attitude to work. As well as my technical ability, I have a passion for design and appreciate the importance of user experience. I love creating products that benefit people's lives.

Education

University of Bristol:

Currently in my second year, studying Computer Science

Tanglin Trust School, Singapore:

A Level:

Maths (A*), Physics (A), Further Maths (B), Computing (A),
Extended Project Qualification (A)

GCSE:

7 A*, 4 A

Skills

Programming Languages:

Java, Python, Go, Javascript, C, XC, C#, Haskell, PostgreSQL,
HTML, CSS

Frameworks/Libraries:

Android JDK, Django, .net, Libgdx, jQuery, node.js, OpenGL

Projects:

With these skills I have undertaken various projects in my free time. Most recently I have developed a website called Heatmap News (www.heatmapnews.com). This website displays news stories from around the world in a unique and intuitive manner. The importance of these stories are expressed as a heat map overlayed on a map of the world. The user can click on any area of the map to view the most important and recent stories of that area. It was developed using a range of technologies. The backend is written in Python around the Django framework, using PostgreSQL as the database system while jQuery was used for the frontend, as well as the regular HTML and CSS. The algorithm used to determine the location of a news story was written in Python.

See my github for more of my projects (www.github.com/scord)

Experience

Summer 2012 - Internship at Quest Software (now Dell Software):

I spent two weeks writing software in a team to improve the in house resume and business card system. The most important skill I developed during this experience was programming in a team.

2014 - Volunteer programming tutor at CodeHS:

I am currently a volunteer tutor on a programming education website. I review students' exercises and programs, offering them advice on how to improve their programming skills.

Other experience:

While living in Singapore, I also took part in various community projects. In 2012 I spent a week in Cambodia working in a team to improve the facilities at a local school. I also received training from the National Volunteer and Philanthropy Centre (Singapore) and collaborated in a team to help and entertain elderly people at a government housing complex. Furthermore, I have had experience in leadership, as the Computer Science prefect in my school, I ran a lunchtime programming club for complete beginners.