

# Samuel Weston

Curriculum Vitae

## Contact Details

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Southampton

Hampshire

## Education

### University of Southampton

2008-Present

I am currently in the third and final year of study for a Bachelor of Science Degree in Computer Science.

The course includes modules covering many subjects, including but not limited to:

- Object Oriented and Functional Programming
- Web Technologies
- Systems Administration and Scripting
- Computer Architecture
- Operating Systems
- Database Systems
- Professional and Legal Issues
- Computer Networks
- e-Business
- IT Security

One of the modules in the second year of my course was a group software engineering project. I worked as part of a small team to develop an airport management system over the course of a semester. Due to the size of the group I personally played a part in all stages of the development process including planning, analysis, design, implementation and testing. This involved report writing, developing UML diagrams, writing Java code and performing two presentations.

I have also worked individually on various coursework projects throughout the course. The most significant of these is my third year project which spans both semesters of my final year and requires that I develop a large software application and document the process. For this project I am developing a collaborative design rationale capture tool for engineers which is primarily being implemented using Python and GTK.

### The Coopers' Company and Coborn School, Upminster, Essex

2006-2008

A Levels in Computing (A), Maths (B) and Physics (C)

AS Level in Politics (C)

2001-2006

10 GCSEs grade A\* to B including Science, Maths, English, German and ICT

## Experience

### **Excelian Limited - Work Experience**

Summer 2010      Excelian Limited is an international financial IT consultancy company. I spent three months working as part of the IT operations team at their London office in Islington. During this time I was involved in the day to day administration and support of their IT systems as well as the relocation of an office of approximately 100 employees. My time at Excelian gave me the opportunity to develop my skills in the administration of products such as Microsoft Active Directory and Exchange, as well as both the technical and interpersonal skills required in the technical support of a business.

### **Lanz Limited - Work Experience**

Summer 2006      Lanz Limited is an IT consultancy company and internet service provider based in London. During this two week placement I built computers independently for the business, supported the design and construction of servers and shadowed employees engaged in various aspects of the work of the company. Through this I developed a greater understanding of the capacities of computer hardware, networks and the business aspects of the computer industry. I also developed confidence in my ability to build and solve problems with computer systems.

### **Youth Leader for Children's Holiday Club**

Summer 2005-2008      For a week each summer from 2005 to 2008 I was a leader at a holiday club run by St Andrew's Church, Hornchurch. Through this I developed my communication, leadership and team-working skills, as well as becoming more confident in working with young children.

### **Freelance Computer Design, Building, Maintenance and Repair**

2005-Present      Since about 2005 I have regularly designed, built, maintained and repaired personal computers, as well as home networks for private customers. This has taught me how to work to deadlines as well as the problem solving and practical skills involved in working with computer components.

## **Skills**

### **Technical**

- Linux/Unix server and workstation administration
- Microsoft Windows XP, Vista and 7 troubleshooting
- Microsoft Windows Server, Active Directory and Exchange administration
- Network planning including key security principles
- Object oriented and functional programming, primarily Java but including some C and Scheme
- Scripting using PHP, Python and Bash
- Database administration and SQL using primarily MySQL
- Software engineering techniques, covering analysis, design, implementation and testing
- Desktop computer building, maintenance, troubleshooting and support
- Web design using HTML, XHTML, PHP and CSS

## **Outside Interests**

### **Music**

I have been involved in music since a very early age and have achieved Grade 5 Clarinet and Grade 6 Saxophone. I have been involved in three international music tours with my school, and played at the Lord Mayor of London's Banquet at Mansion House. Since 2006 I have played with a small semi-professional jazz band called Decajazz.

### **Social**

I am currently the Webmaster for University of Southampton RockSoc, a role which has involved attending committee meetings, helping to organise various events and DJing, as well as the core responsibility of maintaining the society website.

## **Referees**

References available on request.