

TOM BLOUNT

www.tomblount.co.uk

PROFILE

I am currently reading MEng Computer Science with Mobile and Secure Systems at the University of Southampton. This degree covers a large number of programming languages and technologies, including Java, C#, Python, Git and SVN, as well as a wide variety of topics, such as formal methods, software engineering and network security. I'm familiar with developing for Windows and Linux and am able to work well both solo or as part of a team.

EDUCATION

University of Southampton	<i>Sept. 2009 - Present</i>
MEng Computer Science with Mobile and Secure Systems	In progress

Wyggeston and Queen Elizabeth I College	<i>Sept. 2007 - July 2009</i>
A-Level Physics	A
A-Level Maths	B
A-Level Computing	B
A-Level Electronics	A

Longslade Community College	<i>Sept. 2005 - July 2007</i>
GCSEs: English Lit., English Lang., Maths, Physics, Biology, Chemistry, French, Art, Music, History, ICT and Religious Studies (Short Course)	

EXPERIENCE

Web and Internet Science Lab, University of Southampton	July 2012 - Oct. 2012
<i>Project Support Assistant</i>	

During my second internship at the University of Southampton, I spent the majority of time working on a web-service for creating personalised academic news feeds, or PANFeeds for short. This was developed using the Django web-framework. There were also several official side-projects, including an Android application to construct and display location-based narratives and a computer vision library to be demonstrated at an open day.

SUStrings, University of Southampton	Sept. 2011 - Sept. 2012
<i>Webmaster</i>	

Throughout my stay at university I was a member of the Southampton University String Orchestra, and in my third year I took a place on the committee as webmaster. In this position, it was my responsibility to maintain and update the SUStrings website and mailing lists, as well as attending committee meetings to determine and organise, for example, the booking of venues and ticket pricing.

During my first internship at the University of Southampton, I was placed with the development team of a new intranet portal for the university, being constructed with MS Sharepoint. I took on the responsibility of conducting a user survey to assess what students and staff wanted from the portal, then transformed the collected data into a series of Use Cases and User Stories. From these, the building blocks of the system could be constructed. I developed several ‘widgets’ for use within the system, including an RSS feed for news and important information, and a coursework hand-in tracker.

Science and Engineering Family Day, University of Southampton March 2009, March 2010*Volunteer*

During this event, I demonstrated a simple piece of augmented reality software to the general public, using it to explain the principals and practical applications of augmented reality. I followed by answering any questions from parents or their children. In the afternoon session, I managed the electronic construction activity, teaching families how to build and solder simple electronic circuits, such as counters and oscillators.

TECHNICAL STRENGTHS

Programming Languages	Java, C#, Python
Protocols & APIs	XML, JSON, REST
Frameworks	Django
Databases	MySQL, SQLite
Tools	SVN, Git, Vim, LaTeX, Various IDEs

REFERENCES

References are available on request.