Andrew Campbell

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Know The 92:
twitter.com/knowThe92
bit.ly/android-kt92
bit.ly/windows-kt92

Act +Addons:
act-addons.co.uk

Technologies

Very Experienced:
Java, Python

Fairly Experienced:
Node.js, CoffeeScript, PhoneGap, MQTT, C#, Android Development, JavaScript, Dojo, HTML, CSS, PHP

Some Experience:
C++, Arduino, XMPP, Web Sockets, Scala, Visual Basic, Matlab

education

2010–2014	**Computer Science BSc with year in industry**	The University of Leeds
	Placement at IBM from 2012 to 2013, achieved a First Class Degree	
2008–2010	**BTEC National Diploma in IT**	Weston College
	Specialised in software development achieved triple distinction (Equivalent to 3 A's)	

experience

May 2014 — Know The 92 — *Myself, Leeds*

Developed a mobile game using CoffeeScript and PhoneGap. Users get names of football stadiums and click where they think each stadium is on a map.
What I learnt:
- How to write applications in CoffeeScript
- The process of releasing a mobile application onto multiple platforms

Summer 2013 — Extreme Blue IBM — *IBM, Hursley*

Developed a solution to help people care for family members suffering from dementia. The solution involved a tablet in the dementia sufferers home with an app which the carer could control remotely via a web interface. Detailed achievements:
- Technical Experience
  - Designed and implemented a system that allowed the tablet to be controlled with Google Calendar events and in real time using XMPP
  - Created an automatically answering video call system on the tablet using webRTC
  - Used a Raspberry Pi and infrared LED circuit to allow a television to be controlled through the web
- Soft & Organisational Experience
  - Gave weekly presentations on progress to the IBM Hursley lab
  - Successfully implemented an agile methodology to incrementally add functionality
  - Taught less technically experienced members of the team, to improve overall productivity

2012-2013 — Software Engineer WSRR IBM — *IBM, Hursley*

Worked in a Level 3 support team for Websphere Service Registry and Repository. Interacted with customers to resolve their issues in addition to creating product fixes. Also volunteered for "giveback" projects alongside my day job:
- Blue Fusion - Developed an activity for a week long event to teach students about sciences. I developed a solution to allow game logic written in Java and run on a laptop to interact with an Arduino.
- Smarter Skills - Project managed & developed a web based tool for tracking skills across the lab. Before my team took over the project it had not seen release despite two years of development. With my input it was released across the site and saw a large update after release.

2011-Present — Act +Addons Owner — *Myself, Malvern*

Developed a piece of software that collected tax exception codes from my employer's database, to help speed up their tax declaration. I then started a website to sell the software, the website looks a little dated but this process taught me:
- C# and gui development
- Website design and development