

Tom Wilshere – Curriculum Vitae

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Education: 2003-2008: The Perse School, Cambridge.
2008-2010: Hills Road Sixth Form College, Cambridge.
2010-present: Imperial College London (Computer Science MEng).

Qualifications: A Levels: Maths (A*), Computing (A*), Electronics (A), Further Maths (B).
IGCSEs: Maths (A*), Physics (A*), Biology (A*), Chemistry (A).
GCSEs: English Literature (A), English Language (A), French (A), Geography (A),
Religious Studies (A), ICT (A), Music (A), Art (A).

Achievements: 2012: Student Activity Award (Imperial College).
2012: IBM 2nd Year Group Project Prize (Imperial College).
2012: Union Colours (Imperial College).
2010: The Old Cantabrigian Society Layng Prize (Hills Road).
2010: Top 10 team in the National Cipher Challenge.
2008: St John Ambulance (SJA) Grand Prior Award.

Roles: 2011-present: Department Representative, Department of Computing, Imperial College.
2011-2012: Committee member for Imperial College Choir, Imperial College Chamber Choir and Imperial College A Cappella Society.
2011-present: Cadet Leader, SJA Hammersmith division.
2009-2011 SJA Cambridgeshire County Youth Webmaster.
2010: Student representative to Hills Road Information Learning Technology Workgroup.
2009-2010: Communications and Website Officer, Hills Road Student Council.
2009-2010: Chair, Hills Road Computer Science Society.
2008-2010: Lead Cadet, SJA City of Cambridge Quadrilateral Division.
2008: SJA County Cadet of the Year (Cambridgeshire)

Skills: Programming languages: PHP, MySQL, Java, C, C++, HTML and CSS, JavaScript, Perl and Haskell.

Employment Experience:

2012: Internet Services Developer at Netcraft. Worked on Netcraft's phishing detection system, specifically reducing false positives and putting more stringent checks in place to prevent human error in phishing classification. Also worked on creating an improved phishing alerts service for Netcraft's customers. Through this work and other tasks, I gained further experience working with UNIX systems and administering MySQL databases.

2012: TWIST Consulting. Formed a website design business, providing website and online systems design to individuals and businesses. Improved my communication and business management skills.

2011: Software Engineering Summer Intern at Netcraft. Lead a project collecting global data on services offered by hosting providers. I was responsible for the improvement, management and maintenance of a website used for large-scale data collection from a group of around 50 linguists. I also did some work in technical sales, selling datasets to customers around the world, as well as becoming proficient in all of Netcraft's day-to-day processes.

2009 – 2010: IT Consultant to Teevan Consulting Network throughout their project with the East of England Development Agency to implement a database of available training courses for people who have recently been made redundant. A follow up project was to review the provision of redundancy support in the Eastern Region, for which I designed, piloted and ran an online survey for all participants in the scheme, generating an 18% response rate, providing 50% more responses than the required (and expected) 12% response rate. I was responsible for producing overall statistics for the result set, as well as statistics for specific subsets. Whilst working for Teevan Consulting, I also created their new website (www.teevanconsulting.co.uk) as well as a complete set of business stationery and branding.