Hector Dearman

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Education

2011–2015	**M.Eng in Computing (Software Engineering)**
	Imperial College London
	1st *(Third Year)*
	Won the Gloucester Research Academic Achievement Prize *(Top Three in Year)*
	Won the Credit Suisse Group Project Prize *(Best Group Project)*
	1st *(Second Year)*
	1st *(First Year)*
	97% in practical programming assignments
	Won the Morgan Stanley IT Prize
2009–2011	**Hills Road Sixth Form College** *(A-levels)*
	Computing A, Electronics A*, Maths A*, Further Maths A*, Physics A

Skills

Chromium	Committers Access
Python	6 years' self taught experience both with desktop and web applications
Linux, git, Unix tools	3 years' experience with Unix-style command line tools, the Linux OS and using git both for individual and group projects.
Haskell, Java C, SQL	Separate 11 week university courses teaching schema design and functional, object-oriented and systems programming.

Experience

2014	**Google Internship - Android WebView**
	Designed and implemented new APIs and improved build infrastructure. *(C++, Java, Python)*
2013–2014	**Third Year of University**
	Teaching Assistant to Head of Department.
	Won best group project building a web based Java debugger for teaching. *(Java, Python D3)*
2012–2013	**Second Year of University**
	Built an online noticeboard with realtime updates. *(4th of 38) (Javascript, Python, Nginx, AWS)*
	Took part in ICHack2013 building a holiday suggester with a destination 'goodness' heat map in 24 hours.
	Group project building a compiler for a C-like language targeting x86. *(Haskell)*
2011–2012	**First Year of University**
	Pair programmed an emulator, assembler and compiler for an invented target architecture. *(C)*
	Wrote an AI player for Owari which placed 3rd in my year. *(Java)*
2010–2011	**A-level Projects**
	Ported a Perl script for emulating MIPS processors to Python.
	Placed 12th out of 1356 in the Southampton National Cipher Challenge.
	(Wrote Python programs to preform ciphertext-only attacks on classical encryption schemes.)
2010–2011	**Team Captain of Sixth Form Robotics Team**
	Led a 25 strong team of students and a 50kg robot to the New York FIRST robotics regional event.

References available