HENRY HEATH

Motivation

I want to solve difficult and worthwhile problems using technology.

Experience

Metaswitch Networks
Software Engineer
Sept 2014 - Present
London

I work as a software engineer in Test, developing tools to automate the testing of telecoms software. I write tools in Python and expose them to a team of testers through web apps written in Django, JavaScript and jQuery.

Accomplishments

- I won "Most Ambitious Hack" for a Hackathon project that applied machine learning algorithms to the internal bug and issues databases. This has since been turned into a tool that support engineers use to quickly resolve customers' issues.
- I have mentored work experience students and interns.
- I organise discussions between fellow engineers to improve the processes we use to test software.

The Student White Tie Company
Co-founder, Web Developer
2013 - 2015
Oxford

With a fellow student I co-founded a business hiring out formal dress to students. I taught myself HTML, CSS, and PHP to create the company's website. We hired out our whole stock within a week of the website going live.

LEH School
Assistant Facilities Manager
Jun 2011 - Aug 2011
Jun 2011 - Aug 2012
London

I worked full time for two months during each university summer break. Responsibilities varied from helping staff set up an A-level art exhibition to demolition work.

Permira
Work Experience
Jul 2008 - Aug 2008
London

I spent three weeks at the private equity firm Permira. During this time I researched and created a database of potential investors. I also helped build a model of a company's revenue, profit, and market share using Excel.

Technical Skills

Proficient

Python, Django, JavaScript, jQuery, HTML, CSS, Git, Bash, Linux.

Basic

MongoDB, Jenkins, C, Java, Fortran.

Education

New College, Oxford University
MPhys Physics, 2:1
2013 - 2014

I specialised in Condensed Matter Physics and the Physics of Oceans and Atmospheres. I completed a research project that simulated reduced precision hardware to improve the computational efficiency of weather and climate models.

New College, Oxford University	I won the Gibbs prize for a talk I gave on "The Physics of Bicycles".
BA Hons Physics, 2:1	
2010 - 2013	
Tiffin School	A-levels: A*s in Maths, Further Maths, and Physics. A in Chemistry.
2003 - 2010	GCSEs: 10 A*s.
Kingston upon Thames	

Other Activities and Interests

Software Meetups and Competitions	I attend software meetups including 'Many to Many' and 'London Tester Gathering'. I compete in software testing competitions such as 'The Defectives'.
Web Design	I have designed and built several websites including one for a practising psychotherapist. I am currently working on the website for the Harvard LGBTQ Conference 2016.
CIMA Business Simulation Certificate	I completed a course offered by the Chartered Institute of Management Accountants to learn how businesses operate. I used a financial model to understand how fixed assets, issuing stock, and cash flow are important aspects of a successful business.
Intermediate French	I took a French module as part of my degree in 2012. I then completed a two-week residential course in Montpellier in 2013 and a 10 week course at City University London in 2014.
RFU Qualified Rugby Referee	At university I represented Oxfordshire at U20 and Oxford University at U21. I am a qualified referee and a member of London Society of Rugby Union Referees.
Editor of the college newspaper	I managed a team of ten sub-editors to ensure that the fortnightly student paper was published on time, as well as creating content relevant and interesting to the readership.

References available on request.