Henry Heath

07767 096709
henryjheath@gmail.com
hjheath.github.io

EDUCATION

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

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
2010-2013 — BA Hons Physics, 2:1

I won the Gibbs prize for a talk I gave on "The Physics of Bicycles".

Tiffin School, Kingston upon Thames
2003-2010

A-levels: A*s in Maths, Further Maths, and Physics. A in Chemistry.
GCSEs: 10 A*s.

EXPERIENCE

Software Engineer, Metaswitch Networks
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 have mentored work experience students and interns.
- 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 organise discussions between fellow engineers to improve the processes we use to test software.

Co-founder and Web Developer, The Student White Tie Company
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.

Assistant Facilities Manager, LEH School
June-August 2011, 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.

Work Experience, Permira
July-August 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.

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 design and build websites for friends and family. 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 learning about the importance of cashflow for businesses to operate successfully.

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 upon request.