

HENRY HEATH

Motivation

I want to solve difficult and worthwhile problems using technology.

Experience

Onfido

Software Engineer
Jan 2016 - present
London

I develop a Rails web API and JavaScript SDK to allow companies to perform global identity verification using machine learning technology.

Accomplishments

- I won a company award for organising a group to share and develop Python knowledge.

Metaswitch Networks

Software Engineer
Sept 2014 - Dec 2015
London

I worked as a software engineer in test, developing tools to automate the testing of telecoms software. I wrote tools in Python and exposed them to a team of testers through Django and Flask web apps.

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 mentored work experience students and interns.
- I organised monthly 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

At university I co-founded a business hiring out formal dress to students. We hired out our whole stock within a week of the website going live. We sold the business to current students who continue to operate it today.

Technical Skills

Proficient

Python, Django, Ruby, Rails, JavaScript, Docker

Education

New College, Oxford University

MPhys Physics, 2:1
2013 - 2014

I specialised in 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

BA Hons Physics, 2:1
2010 - 2013

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

Tiffin School

2003 - 2010
Kingston upon Thames

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

Other Activities and Interests

Web Design

I have designed and built several websites. The largest was for the Harvard LGBTQ Conference 2016.

Startups

I built a proof of concept website for a start up providing quotes for funeral directors. I am currently building a marketplace to sell art from up and coming artists.

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

I am a qualified referee and a member of London Society of Rugby Union Referees. I referee rugby matches most weekends and I am a member of the London Referee Development Squad.

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.