

HARRY BROWN

mail@harrybrown.co.uk

+44 7410 380078



WORK

The Hut Group, Software Engineer

July–September 2018 Manchester, UK

- Spent 12 weeks in the Performance Marketing team, developing and updating a number of the company's internal products
- Predominantly worked with Java / Spring Boot, and databases with MySQL, as well as a number of tools including SonarQube, Jenkins and Spacewalk

Fire Tech Camp, Tutor

July–August 2017 London, UK

- Tutored at two sites in London, teaching coding and video game design to children aged 9–12
- Planned lessons and worked closely with a cotutor to deliver course content, and then presented the children's work to the camp at the end of each week

Frontier Silicon, Software Engineer

August–September 2016 Cambridge, UK

- Worked with the Sustaining and Support team for 6 weeks on the company's internet radio platform, written in C
- Involved debugging hardware and software, attending project meetings, and communicating with global clients about product issues
- All code was reviewed and pushed to production where applicable

Website design, Freelance work

2016–Present Haverhill, UK

- I have designed, and continue to maintain, the websites for Haverhill Community Sports Association and Newton David Ltd
- Both sites run using the Wordpress platform with custom themes
- I worked with a graphic designer and liaised with marketing officers to develop the companies a professional online presence

PROJECTS

ProsopagnosiApp, Second year university project

Summer 2018

Working alongside a supervisor from Microsoft, our team developed an app for sufferers of prosopagnosia, to provide community support and medical advice on the condition. We then extended the app to use facial recognition and run on Google Glass, providing real-time identification of the user's friends and family. Selected among the top projects in the year.

WenTrader, Personal project

Ongoing

An ongoing project looking into whether social media can be used to predict stock market prices, by analysing historical posts about a company and mapping these to the stock price, and seeing if similar posts can be used to guess future prices.

ARM11 Emulator and Assembler, First year university project

Summer 2017

A third term university project, in which my team wrote, in C, an ARM11 emulator and assembler, and then wrote programs to be assembled and deployed on a Raspberry Pi. We then extended the project to include an implementation of *Pong* running on the Pi, with no operating system—all libraries were written by ourselves. Selected among the top projects in the year.

EDUCATION

Imperial College London, Computing

2016–2020 London, UK

First (second year)

2:1 (first year)

Saffron Walden County High School,

GCSE / A-level

2009–2016 Saffron Walden, UK

A-level: A*A*AA (+A* EPQ)

GCSE: 6 A*s, 5 As

COURSEWORK (SELECTED)

First year

Hardware • Architecture • Databases •
Mathematical Methods • Discrete Maths •
Logic

Second year

Algorithms • Operating Systems • Networks •
Compilers • AI • Probability and Statistics

SKILLS

Programming

Java • Python • Javascript • Haskell • Prolog •
HTML / CSS

Technologies (selected)

Windows • Linux • Git • Bash • SVN • LaTeX •
Jenkins • Azure Cloud • Spacewalk • VSTS

EXTRA-CURRICULAR

Hackathons—IC Hack, HackUPC Barcelona,
LauzHack • Former media secretary and
matchday programme editor, Haverhill
Borough FC • Webmaster, Imperial College
Save the Children • Grade 5 piano • Jack
Petchey Award winner • Rifle shooting