Harry Howarth

Software Engineer with a mathematical and programming background.

A hardworking asset able to take up any team role as demonstrated in various teams from multinational software engineering projects to sports.

EXPERIENCE

Goldman Sachs, London — *Engineering Summer Analyst*

June 2018 - August 2018

Worked as a Software Developer in the Prime Client Engineering Team within Prime Services. Designed, developed and released a web tool for client support teams. Used Java for the RESTful services and React for the UI.

University of Sheffield, Sheffield — University *Teaching Assistant*

September 2017 - June 2018, September 2018 - Present

Working alongside lecturers helping to teach first, second and third year undergraduates their Computer Science course material.

MBDA UK Ltd, Bristol — *Undergraduate Software Engineer*

September 2016 - September 2017

Worked on Mission Planning and Control algorithms and systems using Java, C++ and Matlab. Additionally worked as a STEM Ambassador going into schools to promote engineering careers.

Thomas Walling Academy, Blakelaw — *Teaching Assistant*

Sept 2012 - June 2014

Worked one-to-one with year 4 pupils to develop their Maths and English skills.

EDUCATION

University of Sheffield, Sheffield — MComp Computer Science

September 2014 - June 2019

1st class degree. Spent a year in industry working as a Software Engineer. Dissertation – 'Sound Event Detection for Smart Cars' which was a machine learning task in Python utilising Keras with Tensorflow.

Royal Grammar School, Newcastle Upon Tyne

September 2007 - August 2014

A Levels – Mathematics A, Economics A, Chemistry B

GCSE – 6 A*s including Mathematics & English, 3 As and 1 B.

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SKILLS

Java	★ ★ ★ ★ ★
Python	★ ★ ★ ★
NodeJS	★ ★ ★ ★
Ruby	★ ★ ★
C++	★ ★ ★

Web Development – NodeJS, React, Ruby on Rails, HTML5, CSS3 and Javascript.

Agile Software Development Experience – Scrum, XP.

Version Control – Git, SVN, RTC.

Databases – PostgresSQL, MongoDB and SQLite.

Developing software to safety critical systems standards – e.g MISRA

Android Development – Udacity Certified.

OTHER INTERESTS

Cricketer, football season ticket holder, walking.

UK Government Security Clearance (SC Level)

Personal Projects

See my GitHub for personal projects!! *github.com/harryeh*