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Experience

JUNE 2016 – SEPTEMBER 2016

Cybersecurity Summer School

Intensive internship program exploring the detail of practical cybersecurity including Penetration Testing, Information Assurance, Industrial Control Systems & Internet of Things, Secure Coding, Reverse Engineering and Web Security.

JUNE 2015 – SEPTEMBER 2015

Hut8 Strategic Mobile

Software Engineer

Development and testing of web based software projects for clients in a small team. Lead a project to support solar roof installations (including innovative use of the Google Maps API to calculate roof area). Developed key skills in client communication, scrum agile development and unit testing as well as technical skills in HTML5, CSS3, Bootstrap, jQuery, NodeJS and AngularJS.

SEPTEMBER 2014

Checkpoint

Sales/Marketing Assistant

Solving a range of business problems through the application of computers. Involved Database management, programming, working with users to devise user-friendly systems and basic HTML.

Other Experience

Assistant Gardener - June 2014 – September 2014

Cleaner - January 2012 – June 2014

Volunteer Assistant Tennis Coach - 2008 –2012

Education

2014 – PRESENT

Durham University

MENG COMPUTER SCIENCE

Currently working on projects in Natural Language Processing and Machine Learning.

2007-2014

Queen Elizabeth School

A-Levels at Grade A in Computing, Physics and Mathematics

Public projects

2013

graphVisualiser

Teaching tool for graph theory

2015

Pretty Timetable

Minimalist skin and iCal converter for the Durham University timetable. Built using Bootstrap

2016

pyWebcamSteg

Webcam steganography-based anonymising proxy

Software skills

GOOD LEVEL

Java, MySQL, Javascript, HTML5, CSS3, Bootstrap, jQuery, Python, C, PHP, HTML, CSS, NodeJS, AngularJS, MongoDB, git

INTERMEDIATE

C++, \LaTeX , Prolog, Haskell

BASIC LEVEL

C#, Lua, CUDA, OpenMP