Qiang Feng

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EDUCATION

Imperial College London   *Oct 2016 – Jun 2019*
2nd Year Undergraduate   *Year 1 Grade: First*
BEng Computing (Computer Science)

Queen Mary's Grammar School   *Sep 2014 – Jun 2016*
A Levels
3A* 1A in Mathematics, Further Mathematics, Physics and Computing

EXPERIENCE

Netcraft   *Jul 2017 – Sep 2017*
Internet Services Developer Intern
· Developed and improved the automated malware classification system (mainly using Perl)
· Implemented and tested dynamic throttling of malware submissions to handle periods of high load
· Adapted VMCloak to automate the generation of virtual machines used for malware analysis
· Received return offer

AWARDS

Best Overall First Year Project at Imperial College London (Group Project)   *Jun 2017*
Awarded for developing an ARM11 assembler and compiler and also a fully documented game engine in C/C++ that utilises the OpenCV library for motion controlled games using a webcam.

Most Disruptive Tech at WarwickHack 2017 (Group Project)   *Feb 2017*
Awarded for building a decentralised and trust-less weather insurance web application using the Ethereum network.
I was responsible for building the front end using Meteor.js and also connecting it to the Ethereum network using the Web3 library.

PROJECTS

Boombox (Group Project at Porticode)   *Oct 2017*
Developed a distributed speaker web application that uses a Node.js and Socket.io backend to synchronise the playback of music across multiple devices.

Kiitos (Group Project at MLH Prime European Regional)   *Apr 2017*
A website proof of concept that makes donating to charity easy and transparent using Ethereum
· Uses a Solidity smart contract that allows users to donate in set proportions to multiple charities
· Allows the creator to set a percentage of donations to match
· Built using Node.js and Meteor, using the Web3 library to interact with the Ethereum smart contract

Golden Hill   *Apr 2012 – Present*
E-Commerce website for a Chinese takeaway allowing customers to order food and pay online
· Built back-end using PHP in an MVC pattern
· Utilised a MySQL database to store website data
· Implemented payments into website using BarclayCard EPDQ payment gateway
· Maintain website and troubleshoot any errors that occur

TECHNICAL SKILLS

Programming Languages	Experienced in Java, PHP, SQL and confident with C/C++, Go, Perl
Networks	Familiar with the TCP/IP
Web Development	Experienced in HTML, CSS and familiar with JavaScript
Tools	Confident in using Linux (mainly Fedora and Ubuntu), Windows, Git, Vim