

Qiang Feng

Qiang.Feng@hotmail.co.uk

Website: www.qiangfeng.co.uk | GitHub: Qiang-Feng | LinkedIn: Qiang-Feng

Education

Imperial College London

MEng (Hons) Computing (Computer Science)

3rd Year Undergraduate

Oct 2016 - Jun 2020

Achieved **1st Class** in Year 1 and 2

Queen Mary's Grammar School

A Levels - 3A* 1A in Mathematics, Further Mathematics, Physics and Computing

Sep 2014 - Jun 2016

Experience

Visa (Software Engineer Intern)

- Working on a progressive web application to increase cross border transactions
- Responsible for creating a RESTful backend API using Node.js and the Express.js library
- Used Mocha and Chai to create unit tests
- In charge of integrating API with an Angular frontend

Jun 2018 - Aug 2018

Netcraft (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

Jul 2017 - Sep 2017

Awards and Achievements

Google HashCode Finalist

One of only 40 teams to be invited to the Google EMEA HashCode final round in Dublin.
We were the 2nd highest scoring team based in the UK.

Apr 2018

Best Overall First Year Project at Imperial College London (Group Project)

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.

Jun 2017

Most Disruptive Tech at WarwickHack 2017 (Group Project)

Awarded for building a decentralised and trust-less weather insurance web application using the Ethereum network. I was responsible for building the frontend using Meteor.js and also connecting it to the Ethereum network using the Web3 library.

Feb 2017

Projects

Kiitos (Group Project at MLH Prime European Regional)

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

Apr 2017

Golden Hill

E-Commerce website for a Chinese takeaway allowing customers to order food and pay online.

- Built backend 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

Apr 2012 - Present

Technical Skills

Programming Languages Experienced in Java, PHP and JavaScript and confident with C/C++, Go, Perl

Databases Experienced in using MySQL and MongoDB

Web Development Experienced in HTML5, CSS and Node.js

Tools Confident in using Linux (mainly Fedora and Ubuntu), Windows, Git