Fawaz Shah

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Personal Website: fawazshah.github.io
LinkedIn: linkedin.com/in/fawaz-shah
GitHub: github.com/fawazshah

Education

Imperial College London
BEng. Mathematics and Computer Science (Joint Honours) *2017–2020*

On track for First Class Honours (1st year result: 72%)
Modules of interest: Java, C, Logic, Algebra & Analysis

St. Olave's Grammar School
GCSEs and A Levels *2010–2017*

A Levels: 4 A*s (Maths, Further Maths, Chemistry, Physics) & 1 A (EPQ)
AS Levels: 1 A (Computing)
GCSEs: 10 A*s & 2 As

Work Experience

Netcraft Ltd.
Software Engineer - Intern *Jul. - Aug. 2018*
- Wrote feature allowing malicious URLs to be automatically taken down based on certificate authority
- Implemented core functionality to stop taking down malicious URLs for a company if their Netcraft contract has expired
- Refactored old Perl and SQL codebases for ease of use
- Gained experience in full stack development
- Rewrote documentation for 20+ year old codebases with instructions for integrating with newer systems

SolidariTee National
Volunteer Web Developer *Apr. 2018 - present*
- Redesigned the website front-end to make it more mobile-friendly (viewable at solidaritee.org.uk)
- Currently building a custom online shop, using Magento loaded on a LAMP stack and built on Google Cloud Platform

Personal Projects

- Published a command line interface tool for currency conversion, written in JavaScript and available on npm
- Wrote Python programs to help with A Level Further Maths concepts, such as finding matrix inverses and solving sets of simultaneous equations

Positions of Responsibility

Imperial College Union
Publicity Officer for DoCSoc (Imperial College Department of Computing Society) *Aug. 2018 - present*
- Wrote a guide on how to use Linux and the command line, aimed at 1st years with no programming experience
- Personally negotiated over £5000 worth of sponsorship with leading companies in the technology sector
- In charge of social media and designing DoCSoc apparel

Imperial College Union
JMC (Joint Maths and Computing) Departmental Representative *Aug. 2018 - present*
- I represent over 120 JMC students, from 1st year to 4th year, at meetings with senior staff
- I liaise with lecturers and year directors to solve both academic and wellbeing problems faced by JMC students

Notable Achievements

- Awarded the St. Olave's H.G. Abel prize for academic excellence - given to top 14% of the year
- Awarded a Merit in Imperial College's Japanese Horizons Level 1 Course
- Represented Imperial College at Just Bollywood 2017