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
MEng. Mathematics and Computer Science (Joint Honours) 2017–2021

On track for First Class Honours (1st year result: 72%)
Modules of interest: Java, Databases, Algorithms, Statistical Modelling, Numerical 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.
Internet Services Developer - Intern Jul. - Aug. 2018
- Wrote feature allowing malicious URLs to be automatically taken down based on certificate authority
- Implemented 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
- 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 using Foundation to make it more mobile-friendly (viewable at solidaritee.org.uk)
- Built a bespoke online shop, using a LAMP stack running Magento and hosted on DigitalOcean (available at shop.solidaritee.org.uk)

Personal Projects

o Published a command line interface tool for currency conversion, written in JavaScript and available on npm
o 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

DoCSoc (Imperial College Department of Computing Society)
Marketing & Publicity Officer Aug. 2018 - present
- Presented an introductory lecture on using Linux and the command line, attracting over 120 students
- Wrote an accompanying guide available at docsoc.co.uk/linuxguide
- Negotiated over £5000 worth of society sponsorship with leading companies in the technology sector
- In charge of social media and designing DoCSoc apparel

DoCSoc (Imperial College Department of Computing Society)
IC Hack 19 Core Organiser Dec. 2018 - Jan. 2019
- Led the Branding & Marketing team for the largest student-run hackathon in the UK, with over 400 attendees
- Helped raise sponsorship money for IC Hack 19, leading to the most well-funded IC Hack in history

Notable Achievements

o Awarded the St. Olave's H.G. Abel prize for academic excellence - given to top 14% of the year
o Awarded a Merit in Imperial College's Japanese Horizons Level 1 Course
o Represented Imperial College at Just Bollywood 2017
o Grade 7 Cello