

Fawaz Shah

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Personal Website: fawazshah.github.io

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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 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 front-end to make it more mobile-friendly (viewable at solidaritee.org.uk)
- Built a bespoke online shop, using Magento running on a LAMP stack and hosted on a DigitalOcean Droplet

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

- 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

Imperial College Union

- *JMC (Joint Maths and Computing) Departmental Representative* Aug. 2018 - present

- I represent over 150 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