

Fawaz Shah

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Personal Website: fawazshah.github.io

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Education

- **Imperial College London**
○ *MEng. Mathematics and Computer Science (Joint Honours)* 2017–2021
On track for First Class Honours
Modules of interest: Java, Databases, Compilers, 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)

Work Experience

- **Bloomberg L.P.**
○ *Software Engineering Intern* Jul. - Sep. 2019
 - Worked as part of Strategy Indices, a division who produce custom multi-asset indices implementing various trading strategies for enterprise clients
 - Developed a visualisation tool to display the structure, configuration and historical data of indices created with "Behaviours", a new internal C# framework
 - Created user interfaces using WPF and XAML, with an SQL database behind the scenes
- **Netcraft Ltd.**
○ *Internet Services Developer - Intern* Jul. - Aug. 2018
 - Worked on a feature allowing malicious URLs to be automatically taken down based on certificate authority
 - Refactored old Perl and SQL codebases for ease of use
 - Rewrote documentation for 20+ year old codebases with instructions for integrating with newer systems

Projects

- **Facebook Hack-A-Project**
○ *Mentee* Mar. 2019
 - Developed Studify, a multi-user website to help students connect and create revision study groups
 - Node.js backend, with a Firebase data store
- **SolidariTee National**
○ *Volunteer Web Developer* Apr. 2018 - present
 - Redesigned solidaritee.org.uk with Foundation to make it more mobile-friendly
 - Built a bespoke online shop, using a LAMP stack running Magento and hosted on DigitalOcean
 - Shop online at shop.solidaritee.org.uk, has helped raise over £1000 for charity

Positions of Responsibility

- **DoCSoc (Imperial College Department of Computing Society)**
○ *Marketing & Publicity Officer* Aug. 2018 - July 2019
 - Presented an introductory lecture on using Linux and the command line, attracting over 120 students
 - 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

Notable Achievements

- Awarded Union Colours for outstanding service to Imperial College Union
- Awarded a Merit in Imperial College's Japanese Horizons Level 1 Course