

Fawaz Shah

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Education

- **Imperial College London**
BEng. Mathematics and Computer Science (Joint Honours) 2017–2020
Current modules of interest: Java, Logic, Graphs and Algorithms, Applied Methods and Linear Algebra
- **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

Technical and Personal Skills

- **Programming Languages:** Proficient in: C, C++, Python, Matlab, Arduino, TeX
Also basic ability with: Assembly, VBA, VHDL.
- **Industry Software Skills:** SolidWorks (Advanced), Matlab (Advanced), Ansys (Intermediate), LTspice (Intermediate), Most MS Office products including MS project and MS access (Advanced).
- **General Business Skills:** Good presentation skills, Works well in a team.
- **Other:** Good soldering and spot welding skills, Can write well organised and structured reports.

Interests and extra-curricular activity

- I was a "fresher representative" in my 2nd and 3rd years of university, this required me to guide, look after, and ensure that a particular flat of first years have a good time in their first week, and feel consoled in what for most of them is their first time living away from home. We were responsible for the safety and wellbeing of the group of first years during the first week, and during this time I made good friends with all of them.
- I am a member of a number of university societies. I was also the vice president and co-founder of the flash mob society. My roles in this included recruiting members, in which during "fresher's fair" we enlisted over 200 new members. This was regarded as very successful, considering other societies averaged around 50. I also appeared in an interview on the university television station, set up a society bank account, and helped organise the events. One of these events was featured in the local newspaper.
- I am also an avid hiker, having completed the national 3 peaks challenge last summer. Other interests include guitar, which I am self-taught, and home brewing.