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EDUCATION

- Imperial College London* September 2017 - Present
- BEng (Hons) Computing
 - Achieved a first class in first year
- Hills Road Sixth Form College* September 2015 - June 2017
- A-Levels
 - Maths (A*) Chemistry (A*) Further Maths (A) Physics (A) EPQ (A*)

WORK EXPERIENCE

- Author on planckti.me (Volunteer)* December 2017 - Present
- Active contributor of articles that aim to provide readers with a clear understanding of concepts via concrete examples and a hands-on approach.
- Maths and Sciences Tutor* July 2016 - August 2016
- Tutored at KS3 level, requiring key communication skills and the ability to explain technical concepts with clarity.
- Mathematics and Physics Peer Mentor (Volunteer)* September 2015 - May 2016
- Volunteered for the peer mentoring programme in my sixth form college, providing academic support for first year students.

NOTABLE PROJECTS

- ARM Group Project* May 2018 - June 2018
- Worked in a small group to develop and document an ARM emulator and assembler from scratch
 - Developed and tested a networked, motion controlled *Pong* game as an extension using OpenCV and SDL2
 - Written in C, C++, and ARM11 assembly
 - Exposure to the software development cycle, project organisation, and version control software.
- Extended Project Qualification "Smart Mirror" (A*)* February 2016 - September 2016
- Designed, developed, and constructed a smart mirror device.
 - Written in JavaScript wrapped in a Cordova framework, enabling it to run as a mobile application.
 - Explored alternate development methodologies and technologies.
 - Kept a detailed development journal and wrote detailed documentation as part of my project write-up, subsequently presenting my project to my peers and mentors.
- Consent for Contact Research Project* October 2015 - December 2015
- Conducted and presented original research in the form of interviews and focus groups as part of a project in affiliation with the Cambridge Clinical Informatics group.
 - Made extensive use of project management, qualitative data analysis, and presentation skills.
 - Awarded 2nd Place for *Best Group Presentation*.

ACHIEVEMENTS

- Imperial College Taekwondo Secretary and Webmaster* September 2016 - June 2017
- Manage the day to day running of club activities and communicating with members
 - Responsible for liaising with *Imperial College Union*, *Sport Imperial*, and other clubs
 - Manage and run the club website (backend and frontend)
- Trading Education Certificate with Merit* November - December 2017
- Attended an extracurricular course taught by the *Imperial College Finance Society* in association with *Credit Suisse* designed to provide a comprehensive introduction to trading.
 - Passed the examination with merit.

TECHNICAL SKILLS

Preferred languages: Java, Python
Comfortable with: JavaScript, Git, LaTeX, C
Exposed to: Haskell

ACTIVITIES & INTERESTS

- I enjoy exploring fields of interest in my own time and have completed online courses such as Stanford's 11-week *Machine Learning* course on Coursera and the Google Digital Garage *Online Marketing Fundamentals* course.
- In my free time, I am a committed taekwondo practitioner, competing at tournaments nationally.

References available upon request.