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## EDUCATION

*Imperial College London*

September 2017 - Present

- BEng (Hons) Computing

*Hills Road Sixth Form College*

September 2015 - June 2017

- A-Levels  
Maths (A\*) Chemistry (A\*) Further Maths (A) Physics (A) EPQ (A\*)

## EXPERIENCE

*Author on planckti.me (Volunteer)*

December 2017 - Present

- Active member of the team, contributing articulate and well researched articles on concepts and technologies in computer science.

*Maths and Sciences Tutor*

July - 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*

October 2016

- Worked in a small group to develop and document an ARM emulator and assembler from scratch
- Developed a motion controlled *Pong* game as an extension using OpenCV and SDL2
- Written in C, C++, and ARM11 assembly

*Extended Project Qualification "Smart Mirror" (A\*)*

February - 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.
- Exposure to the software development cycle, project organisation, and version control software.
- 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 - 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

*Hills Road Martial Arts Society (Founder & President)*

September 2016 - June 2017

- Managed a society of around 20 members + committee and coordinated weekly classes, demanding rigorous time management and leadership skills.
- Awarded the *Society of the Year* prize for outstanding contribution to the student community.

*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.