

## Education

- 2019 — Now **Computer Science (BSc)**, *University College London, UCL*.  
*Expected Graduation: 2022.*  
CS at UCL falls under the Integrated Engineering Programme (IEP), which teaches us crucial engineering skills. I have also been admitted into a limited entry module ('Intelligent Systems') that allows us to work hands-on with robotics equipment, to learn about autonomous agents.
- 2017 — 2019 **A-Levels**, *Maths: A\*, Further Maths: A\*, Computer Science: A\**.
- 2017 — 2018 **(Level 3) Extended Project Qualification**, *AQA, A\**.  
Academic report on computational complexity; the P vs NP problem.

## Experience

- July — **Software Developer Intern**, *Softwire*, London & Remote.
- August 2020 Summer internship as a software developer.
- *Kotlin & Swift* — Working with a 100k+ LOC codebase on a multiplatform mobile app. This was production code for an app that had 110k+ downloads.
  - *Technical Knowledge* — Produce designs, code, test suites and documentation to meet the requirement of the project.
- March — **Technology Spring Week**, *J.P. Morgan*, Remote.
- April 2020 Invited to partake in a week of talks and activities (remotely due to COVID-19) organised by J.P. Morgan. Some tasks include:
- *Python & TypeScript* — Completed a virtual software engineering internship through InsideSherpa's platform.
  - *Software Security* — Hands-on learning about security practices (from web security to memory vulnerabilities).
- December 2019 **University Advisor for Computer Science**, *InvestIN Education*, London.
- Worked as an assistant at an educational event for younger students interested in CS.
- *Technical Knowledge* — Helped attendees in working with git repositories, and understanding development with an open-source voice assistant framework (Samsung's voice assistant), which heavily utilises NLP.
- 2017 — 2018 **Mathematics Tutor**, *Sphere Knowledge LTD.*, Remote.
- Worked remotely as an online tutor through a tutoring web service, 'Sphere Knowledge'.
- *Mathematical Reasoning* — Provided mathematics tutoring to clients worldwide up to AS Level (or equivalent) education.

## Interests and Skills

- Languages *In approximate order of fluency:* English, Python, Java/Kotlin, Scheme, Web Dev — HTML/CSS/JS, C/C++, Rust, Emacs Lisp,  $\text{\LaTeX}$ , Haskell, Swift
- Hobby-coding I like undertaking small coding projects occasionally; please visit my website/blog (or ask me!) to see what I've been doing lately.
- Guitar I have received a merit in the 'Grade 2' guitar exam after learning for two years with an instructor. Now, I purely self-teach myself and have been playing the guitar for over 6 years.