

Education

- 2019 — Now **Computer Science (BSc)**, *University College London, UCL*.
Expected Graduation: 2022.
CS at UCL falls under the Integrated Engineering Programme, which teaches us crucial engineering skills. I've also been selected for a limited-entry module ('Intelligent Systems'), which gives us the opportunity to work hands-on with robotics equipment.
- 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

- October 2020 **Programming Tutor**, *UCL Computer Science Dept.*, London & Remote.
— Present Supporting first year undergraduates in developing their programming skills.
 - *Technical Expertise* — Tutoring students in four programming languages: C, Haskell, Java and Python.
- July — **Software Developer Intern**, *Softwire*, London & Remote.
- August 2020 8 week summer internship as a software developer.
 - *Kotlin & Swift* — Worked with a 100k+ LOC codebase on a multiplatform mobile app. This was production code for an app that had 110k+ downloads.
 - *TypeScript & React* — Worked on a static site built with the Gatsby framework.
 - *Technical Knowledge* — Produced code, test suites and documentation to meet the requirement of the project.
- 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, C/C++, Web Dev — HTML/CSS/JS, Rust, Haskell, \LaTeX , Emacs Lisp, 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.