

Education

- 2019 — Now **Computer Science (BSc)**, *University College London, UCL*.
Expected Graduation: 2022.
Notably, I've chosen an Integrated Engineering Programme (IEP) specialization of 'Intelligent Systems', which provides us with three additional AI-focused modules.
- 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 2021 — **Software Engineer Intern**, *G-Research*, London & Remote.
- Sep 2021 12 week internship as a software engineer in the RQTT (Realtime Quant Tyburn Tactical) team.
- **.NET & C#** — Built an ASP.NET web app using the Blazor UI framework.
 - Modern single page app using Blazor and the MudBlazor component library.
 - Provides views into the development pipeline, including the state of relevant regression tests, live production instances, etc.
 - **Prometheus Metrics & Alerts** — Added metrics & an alert for better awareness of a service's state.
 - Added metrics to a production service written in F#.
 - Added an alert condition written in PromQL (& alerting unit tests).
- October 2020 **Programming Tutor**, *UCL Computer Science Dept.*, London & Remote.
- March 2021 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.
- December 2019 **University Advisor for Computer Science**, *InvestIN Education*, London.
- 2019 Worked as an assistant at an educational event for younger students interested in CS.
- **Technical Knowledge** — Helped attendees with Git, and developing with an open-source voice assistant framework (Samsung's voice assistant).

Interests & Skills

- Languages *In approximate order of fluency:* English, Python, Java/Kotlin, C#, Flutter/Dart, C, Go, Web Dev (HTML/CSS/JS), C++, \LaTeX , Haskell
- 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.