

Education

University College London (UCL) (2021 – 2025):

Meng Computer Science, grade predictions pending (ongoing).

- **Problem solving and attention to detail** – vital for programming modules, some particularly annoying bugs come to mind here.
- **Communication** – Worked on a number of group projects, some across subjects, which requires effective communication of technical ideas.
- **Programming Skills** in degree and outside in C, Java, PHP, Python, Haskell and work on some larger scale projects, including an auto-players for Tetris in Python and a maze builder/solver in C.

Hyndland Secondary School (2015 – 2021):

- Advanced Highers: 4 A; Mathematics, Mathematics of Mechanics, Physics, Computing
- NPA Cyber security level 6 (Higher/AS level equiv.)
- 6 A at Higher, including mathematics, English and computing and 9 A at National 5.
- Extra-Curricular Achievements

Technical Experience

Cyber Discovery Program (2018-2021)

- **Problem Solving** – analysed and completed increasingly complex online cyber security-based challenges online
- **Perseverance** – vital to solve more complex challenges and stick with them, as well as achieving 96% in the final exam
- **Self-motivation** – Returned to develop my security skills over four years
- **Attention to detail** – vital to solve many of the challenges, spotting small vulnerabilities in software, considering all the components
- **Communication** – Share ideas and succeed with more complex programming-based challenges

Cyber First Summer Courses (2018, 2020, 2021):

- **Teamwork** – bring together different strengths in teams of about 6 in capture the flag events to achieve our goal.
- **Self-motivation** – returned to course over three years and went on to learn more about the topics covered, such as TCP/IP.
- **Technical skill** – developed knowledge of Linux, the protocols which underpin technology and their application to security

Work Experience

T-mobile MMS (2019):

- **Teamwork** – worked in small teams to produce a component of a real-world project; my team produced a component of a login system.
- **Communication** with other teams was vital to understand how our work would integrate with theirs, particularly the team working on user interface.
- **Technical skills** – learned a lot about web development, especially back-end PHP, and loved working on an impactful, real-world project.

Other notable skills

- Fluency in **English** and **German**
- Experience using many **Linux tools** and **networking utilities**; as an example, set up a customised Linux shell.
- Experience in **film** and **theatre**