Lucas Kimber

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I am a Computer Scientist with an interest in software development, refined by my work experience in developer roles. My BSc has equipped me with the fundamental principles of CS and software engineering, and now I am growing this knowledge with an MSc at Imperial. Following this, I hope to utilise my skills to work on emerging technologies in industry.

Education

- **Imperial College London (Sep 2024 - Present)**
  - MSc in Computing (Software Engineering)
- **Royal Holloway University of London, First Class Honours (Sep 2020 - Jun 2024)**
  - BSc Computer Science w/ Year in Industry.
  - Received the EDT Industrial Cadets Platinum Award for my Year in Industry.
  - Built an RSA encryption application in Rust for my final year project.
- **Ashford School (Sep 2018 - Jul 2020)**
  - A*s in Computer Science, Mathematics, and Religious Studies.

Employment History

- **Teaching Assistant, Royal Holloway (Egham, Sep 2023 - Apr 2024)**
  - Teaching C and Python programming laboratories.
- **Software Engineer, Arqit (London, Jun 2023 - Sep 2023)**
  - Used Cypress, Cucumber, and Gherkin to automate end-to-end integration tests.
- **Embedded Software Engineer, ABB Ltd (Cambridgeshire, Jun 2022 - Jun 2023)**
  - Developed C# applications and embedded software in C.
  - Led DevOps Improvement Project.
  - Feasibility study for authentication certificates and secure boot.
- **GCSE English and Maths Tutor, Private (Online, Mar 2021 - Jun 2022)**
  - Gave online tutor sessions during the COVID-19 pandemic.

Skills

Languages	Tools	Methadologies
Rust	Tauri	Test Driven Development (TDD)
Java	Criterion	Behaviour Driven Development (BDD)
Python	Cargo	Agile
TypeScript / JavaScript	Git	Scrum
SQL	Azure DevOps	Lean
C#	GitLab and Azure Pipelines	End-to-End Testing
C	Gherkin / Cucumber / Cypress	Object Oriented Programming
	Maven	
	JUnit	