

Benjamin Ward

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EDUCATION

Postgraduate Education – University College London (UCL) (2024-2025)

Knowledge, Information and Data Science MSc

Modules

- 'Database Theory and Practice', 'Information Governance', 'Logic and Knowledge Representation'
- 'Foundations of Machine Learning', 'Statistical Methods'

Undergraduate Education – King's College London (KCL) (2020-2023)

Computer Science BSc (First Class Honours)

Relevant Module Results

- 'Artificial intelligence planning' (**86**), 'Machine Learning' (**79**), 'Database Systems' (**99**)
- 'Introduction to Artificial Intelligence' (**85**), 'Artificial Intelligence Reasoning and Decision Making' (**77**)
- 'Data Structures' (**87**), 'Programming Practice and Application' (**86**), 'Foundations of Computing 2' (**91**)

Primary and Secondary Education – Ardingly College (2005 – 2020)

- **A-Levels:** Mathematics (A), Computer Science (A), Business (A)
- **9 GCSEs / IGCSEs** including Mathematics (9), English Language (8), Geography (A*), Biology (A) and Physics (A)

WORK EXPERIENCE: KYND (London) – Software Engineer Intern (June-July 2023)

- Developed a **Web Crawler** in Go.
- Made a **website** and an **API** with React and Node.js.
- Effectively presented my work to colleagues.
- Actively communicated in **retrospectives** and daily **standups** with the engineering team.

CODING LANGUAGES

- **Python** – (2016 - present, used to create **websites** and a **hate speech detector**)
- **Java** – (Learnt and used during university for different coursework assessments)
- **SQL** – (Used many times, including for a coursework assessment in the module '**Database Systems**')
- Primary coding experience also includes **C++**, **Scala**, **Go**, **JavaScript** and **HTML**.

CERTIFICATIONS

- '**Microsoft Certified: Azure AI Fundamentals**'.
- '**Data Visualisation:** Empowering Business with Effective Insights' Virtual Experience Program by Tata. Tasks included: 'Creating Effective Visuals' and 'Communicating Insights and Analysis'.
- '**Data Science** Virtual Experience Program' Virtual Experience Program by Standard Bank. Tasks included: 'SQL for Data Scientists' and 'Data Science With Python'.
- '**Cybersecurity** Virtual Experience Program' Virtual Experience Program by Mastercard. Tasks included: 'Design a phishing email simulation' and 'Interpret phishing simulation results'.

EXTRACURRICULAR ACTIVITIES

- UCL, Knowledge, Information and Data Science MSc - **Student Representative** (2024/25). Engaging with students and staff to address concerns and improve communication.
- **Lockheed Martin Code Quest**, 2019 – Coding competition, consisting of completing tasks from a list within a set time. Our success resulted from effective communication and time management. My team came 5th out of 18.
- Volunteered in India, **teaching English** to Tibetan refugees in 2019. This consisted of preparing lessons either on my own or in a team for students between 8 to 18 years old and adapting to the level of the class on the spot.
- **Published article** 'Microsoft's new direction for Xbox' on [The London Financial](https://www.thelondonfinancial.com).
- Wide experience with **Windows** OS with Office 365 applications, **MacOS** and **Linux** through Ubuntu.
- **Utilized GitHub** on multiple occasions, for both individual and team coursework assessments.