Ben Thompson

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Currently studying a Masters in Computer Science at UCL, after discovering a passion for programming through web development. Having worked in education and entertainment, I've developed strong communication skills that enable me to convey complex concepts and integrate easily as part of a team. Keen to work in a collaborative environment where I can innovate to solve challenging problems.

Education

UCL – MSc Computer Science – 1:1 (Predicted)   2024 - 2025

    Key Modules: Algorithmics, App Engineering, Machine Learning with Big Data

University of Edinburgh   2010 - 2014

Skills: TypeScript/JavaScript, Python, C#, React, SQL, HTML, CSS/Sass, Git

Projects:

Microsoft & Intel - OSS Pilots for Intel, ARM and GAUDI2 NPUs
- Developing local AI capabilities for open-source software (LibreOffice), using MCP

Sapphic Bison (non-profit) – Internal Platform
- Led a team building a secure management system to handle blood test orders using Next.js, Prisma & PostgreSQL
- Implemented secure authentication and authorization using Auth.js
- Connected to external APIs to streamline order processing

Album of the Year (taoty.co.uk)
- Built a full-stack web application using React to dynamically generate the front-end depending on filters selected by the user
- Configured a back-end server with NodeJS and Express to connect to a MongoDB database
- Integrated the Spotify iFrame API to add an embedded music player

Work Experience:

Private Tutor   2015 - 2024
- Ran a private tutoring business, co-ordinating and delivering specialised sessions in English and Maths for GCSE and A-Level
- Motivated over 100 students to achieve top grades with targeted support
- Built a website to advertise, optimised for SEO, enabling me to reach clients directly
- Created and sold highly-rated learning resources to thousands of teachers

Interests & Hobbies: UCL AI Society, UCL Tennis Society, Chess, Spanish