Ethan Tyler

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Education

Computing and Management BSc, *Loughborough University*   09/2019 – 07/2022
First Class Honours
- Achieved a first on a range of modules including Web Programming, Data Mining and Machine Learning, Cloud Computing, Cyber Security and Cryptography.

King Edward VI Aston School   09/2011 – 06/2018
- 3 A-Levels: Computer Science (B), Economics (B), History (B)
- 10 GSCEs: 3 A*s, 5 As, 2 Bs

Professional Experience

Administrator, *CORE Education Trust*   08/2018 – 09/2019
  - Involved in the migration of IT systems within the finance department.   Birmingham, UK
  - Was in charge of maintaining and updating the five WordPress sites managed by the organisation.

Projects

Stock Portfolio Web App ⧉
A full stack web application to track and provide analytics for a user's stock portfolio.
  - Created a REST API for the backend using Node.js, Express and a PostgreSQL database.
  - The frontend was designed using Figma and developed with React, MUI and Highcharts with a focus on user experience.
  - The data used within the application was a combination of market data from a third party API and user specific data stored in the database.

Listening Party ⧉
Web application that allows you to create a session with friends where everyone can view the currently playing song and add songs to the queue.
  - Created using Next.js, Chakra UI and a PostgreSQL database.
  - Deployed on Vercel using serverless functions.

Skills

Programming Languages
JavaScript, Python, Java, HTML & CSS, SQL, PHP

Tools
Git, Linux, Cloudflare, Figma, Google Cloud, Digital Ocean, Heroku, Vercel

Frameworks and Libraries
React, Node.js, Next.js, Express, Laravel, Chakra, MUI, Tailwind, Prisma, Hadoop, Selenium, Jest