

Aimee Ha

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PERSONAL STATEMENT

I am a Master's student in Computer Science with a focus on AI, with two years of technical experience in Python, TypeScript, and React.js. My strengths in problem-solving, data analysis, and optimising processes, built from my background in Finance, enable me to contribute effectively to meaningful projects.

EDUCATION

MSc in Computer Science with Artificial Intelligence Mar 2024 - Expected Mar 2026
University of York

- Key modules: Algorithms & Data Structures, Applied AI, AI & Machine Learning, Big Data Analytics.

Front-End Developer & Back-End Developer Professional Certificates Apr 2023 - Oct 2023
Meta

- Key modules: Advanced React, Principles of UX/UI Design, Python & Django Web Framework, Databases, APIs, Software Development Life Cycle.
- Capstone projects: Little Lemon Restaurant Reservation ([Github](#)), Little Lemon APIs ([Github](#)).

Harvard CS50's Computer Science Courses Jun 2022 - Jan 2023
Harvard University

- Lab projects ([Github](#)): E-commerce auction site, Twitter-like social network, Wikipedia-like online encyclopedia.

TECHNICAL SKILLS

Languages & Frameworks: Python, Typescript, Javascript, Java, React.js, Django REST, Next.js, Tailwind CSS.
Databases, Libraries & Tools: MySQL, MongoDB, Material UI, Pandas, Git.

PROJECTS

TLDW - Too Long, Didn't Watch | *Python, Next.js, React, Typescript, MongoDB, Git, Kubernetes* tldw.pro

- Collaborated with a senior software engineer to develop a YouTube video summarisation tool to save users 98% viewing time by generating summary of a 15-minute video within 20 seconds using open-source LLMs and OpenAI.
- Led the web application development for the solution using Next.js, integrating Clerk API for user authentication & management and Stripe for subscription payments.

Itinerary Genie | *React, Typescript, Node.js, Tailwind CSS, MongoDB, Git* travel.aimeeha.dev

- Developed and deployed a user-friendly itinerary planning application from a Figma design to tailor trip itineraries to individual preferences based on destination, length of stay, and preferred activities inputs.
- Leveraged OpenAI API for itinerary generation and Google Calendar API to make trip activities more accessible.

Brainy Cards | *Python, Django REST Framework, React, Typescript, HTML, CSS, Git* flashcard.aimeeha.dev

- Created and maintained a flashcard platform to enhance users' learning experience with flexible flashcard set creation options (manual input & CSV uploads) and a robust study library.
- Designed a secured web application that adhered to robust authentication and password management procedures and implemented an interactive popular set carousel and targeted search functionality for ease of learning.

EXPERIENCE

Management Accountant May 2019 - Apr 2023
Stuart Delivery Ltd. *London, UK*

- Worked with a Data Analyst to create Python scripts for querying delivery data across multiple .CSV files to fulfill client inquiries, eliminating the previous manual procedure.
- Implemented automated Excel files to reduce Stuart's booking preparation time during month-end closes, most notably for payroll reconciliation by approximately 87.5%, from two hours to fifteen minutes.
- Fostered a collaborative relationship with diamond-tier client's Finance team and promptly resolved their challenges to secure incremental weekly payments, from 3.7 million GBP in 2020 to over 8.2 million GBP within the following two years (89.7% to 95.6% of total revenue).
- Created and tested new commission .CSV upload templates in Netsuite sandbox and acted as UK point of contact for testing new vendor management systems, Coupa, Yooz, and Kofax.

REFERENCES

Available upon request.