

Vince Maina

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Final-year **Computer Science** student with a strong academic record and software development experience from freelance and open-source projects.

Seeking a software engineering role starting June 2025.

www.github.com/vincemaina
www.linkedin.com/in/vincemaina
<https://www.vincemaina.co.uk/>

Experience

(2023 — 2024) Travana, *Full Stack Developer* **Javascript** **React** **PostgreSQL**

- Developed and deployed bespoke CRM software for a travel agency, now used daily in their high street shop.
- The in-built **analytics dashboard** improved customer retention and team management; enabling performance tracking for each agent, leading to more effective sales strategies;
- **Automated** manual data entry processes saving travel agents over **10 hours/month**

(2022) Internet Archive, *Open Source Contributor* **Python** **Infogami**

- Collaborated with **senior developers** to fix critical bugs on the homepage, reducing bounce rate.
- Gained experience working on a big project (**5 million monthly visitors**), submitting pull requests, and undergoing code reviews

(2017 — 2021) *Professional background in Marketing and Accounting*

- My prior experience in marketing and accounting has sharpened my ability to prioritise work that drives real business value. This focus on impact over aesthetics ensures that I deliver software solutions with a strong return on investment, making me well-equipped to lead projects effectively.

Education

BSc Computer Science (*Graduating, Summer 2025*)

- Royal Holloway, University of London
- Predicted **1st class honours** based on performance — *Software Engineering (84%), Algorithms & Complexity (84%), Databases (84%), Object Oriented Programming (89%), Programming Laboratory (83%)...*

Software Projects

- A [handwriting recognition tool](#) that uses a **neural network** built from scratch and visualises its learning
- An [online chatroom](#) for music lovers — built with **React** and a SocketIO **websocket** server
- A [web design tool](#) — used **Docker** to create a custom server environment with FFmpeg pre-installed
- See more projects on my website: <https://www.vincemaina.co.uk/>

Skills & Technology

- **Languages:** Javascript, Python, SQL
- **Web Frameworks:** React (NextJS), Flask, Django
- **Clean code:** Throughout university I've been **praised on my code quality**, and good git practices. During last year's team project, the lecturer suggested my code and git commits as a reference for other students!
- **Databases:** PostgreSQL, MongoDB, Redis
- **Cloud computing:** GCP, AWS