

Ed Wong

Full Stack Web Developer



ed-wong.dev



edmondwong6279



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Enthusiastic full stack web developer with a background in mathematics.

EXPERIENCE

FIDO Tech | FRONT END DEVELOPER

(April 2024 - Present)

- Joined a small dev team as a front-end developer, working in a **redux react app**.
- Despite the title of a front-end developer, many contributions were made to the full stack including the **Python FastAPI backend, MySQL database, Github workflows** and **Azure**.
- **Mentored** the QA intern to create well-written, end-to-end tests using playwright on the full stack of the site, ensuring best practises were followed.
- Contributed to **dockerising** both the Python FastAPI backend and the database.

M3 | WEB DEVELOPER

(November 2022 - April 2024)

- Demonstrated my ambition and fast learning by quickly becoming a very key member of the team.
- Worked in a **micro-services architecture** on a variety of tech stacks including **Node.js, .NET, React, React Native** and **Next.js**.
- Developed and maintained **RESTful APIs** within the micro-services architecture.
- Contributed to moving infrastructure over to **AWS**, also gained experience using **Terraform**.
- Contributed largely to the automated end to end tests using the **Playwright** library and deployed on AWS.
- Awarded **best performance** in Q2 2023 for roll out of the student refer a friend project.
- Promoted from junior to a mid level role at the start of 2024.

Univers Labs | TRAINEE SOFTWARE DEVELOPER

(March 2022 - October 2022)

- Contributed to multiple projects for a wide variety of clients such as **data visualisation projects**.
- Made redundant due to company insolvency.

EDUCATION

University of Bath | PHD IN COMPUTER SCIENCE

(September 2018 - March 2022)

- Withdrew before submission to start working in web development.

University of Birmingham | M.Sc. IN COMPUTER SCIENCE (DISTINCTION)

(September 2017 - September 2018)

- Primarily learned OOP with **Java** with some **Python** too.
- Awarded the **Distinguished Alumni Scholarship** for excellent undergraduate degree. Also achieved **highest overall grade in the entire cohort**.

University of Birmingham | B.Sc. IN MATHEMATICS WITH HONOURS (CLASS I)

(September 2014 - September 2017)

- Achieved a high first class grade.
- Awarded the **George Watson Scholarship** for outstanding A-Level results.

SKILLS

LANGUAGES AND FRAMEWORKS

Full stack

- JavaScript and TypeScript

Front end:

- React and Next.js
- CSS
- Sass
- Styled Components
- Tailwind
- Playwright
- Jest + React testing library
- D3.js
- SVG
- Redux
- RTK Query
- Three.js
- Matter.js
- Ammo.js
- Canvas
- Mapbox

Back end:

- Node.js
- AWS
- Terraform
- Azure
- .NET
- Python
- FastAPI
- Pytorch
- Numpy

Other:

- SQL
- Docker
- Git
- Github Actions
- Java
- React Native

INTERESTS:

- UI/UX
- Mathematics
- Data Visualisation
- Machine Learning