Ed Wong

Full Stack Web Developer

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Enthusiastic full stack web developer with a background in mathematics.

For a full breakdown about me including a list of projects I have worked on, please see my website at ed-wong.vercel.app.

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**.
- ➔ Gained experience with **Github workflows** and **Azure**.
- ➔ Despite being a front end developer, contributed to the full stack by working in the **python backend**, **database** and also contributing to the **deployment** process and overall **agile** process.

M3 | WEB DEVELOPER
(November 2022 - April 2024)
- ➔ Quickly became a key team member by engaging as much as possible and being autonomous with own learning.
- ➔ Worked in a **micro-services architecture** on a variety of tech stacks including **.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 with 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 through insolvency of the company.

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**. Also learned **Python**.
- ➔ 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
- Next.js
- CSS and Sass
- Styled Components
- Playwright
- D3.js
- SVG
- Redux
- three.js
- matter.js
- ammo.js
- Canvas

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

Other:
- SQL
- Docker
- Git
- Java
- React Native

INTERESTS:

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