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

M3 | WEB DEVELOPER

Mid Level (January 2024 - Present)
- → Promoted from junior to a mid level role at the start of 2024.

Junior Level (November 2022 - January 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: .NET, React, React Native and Next.js to name a few.
- → Developed and maintained **RESTful APIs** within the micro-services architecture.
- → Contributed to moving infrastructure over to **AWS**, also gaining experience in 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.

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)
- → Researched machine learning models using Python and PyTorch. Pint of Science 2020 Coordinator and teaching assistant in multiple modules.
- → 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.
- → 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.
- → Awarded **"Best Presented Project"** in Mathematical Modelling and Problem Solving Module.

SKILLS

LANGUAGES AND FRAMEWORKS

Full stack
- JavaScript and TypeScript

Front end:
- CSS and Sass
- React
- Next.js
- Playwright
- D3.js
- SVG
- three.js
- matter.js
- ammo.js
- Canvas

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

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

INTERESTS:
- Mathematics
- Data Visualisation
- Machine Learning