

# Ed Wong

## Full Stack Web Developer



ed-wong.dev



edmondwong6279



linkedin.com/in/edmondwong6279

Enthusiastic full stack web developer with a background in mathematics.

## EXPERIENCE

### BidFX (SGX FX) | FRONTEND DEVELOPER

(November 2024 - Present)

- Joined a large dev team working in a React application with the OpenFin API.

### FIDO Tech | WEB DEVELOPER

(April 2024 - November 2024)

- Many contributions were made to the full stack including the **redux react app frontend, 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 practices 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.

### 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