Ed Wong

Full Stack Software Developer

🏠 edwong-portfolio.vercel.app ⓖ edmondwong6279 in linkedin.com/in/edmondwong6279

Enthusiastic developer with a particular interest in data visualisation and interactivity.

EXPERIENCE

M3 | JUNIOR WEB DEVELOPER
November 2022 - Present
- → Joined as a junior web developer in a small dev team.
- → Worked in a microservices architecture on a variety of tech stacks: .NET, legacy react, react-native and NextJS to name a few.
- → Became a key team member quickly by engaging with the team as much as possible to ensure I could learn efficiently.

UNIVERS LABS | TRAINEE SOFTWARE DEVELOPER
March 2022 - October 2022

- → Contributed to multiple projects for a variety of clients. Projects include:
    - – Rhinostics ROI calculator: rhinostics.com/roi
    - – Xenonarc website: xenonarc.com
- → Made redundant over company becoming insolvent.

PROJECTS

Note that a full list of projects that I have worked on can be found on my portfolio here.

SHOE GENERATOR | REACT FRONT END, NODE AND PYTHON BACK END
2022
- → Deployed an ML model to generate images of shoes. Developed with Pytorch, Docker, Node.js and React.
- → Worked closely with the lead designer to ensure users an intuitive experience.

LET THE WORDS OUT | REACT AND CANVAS
2022
- → Worked with a local band to create a promotional webpage: letthewordsout.com
- → Developed with React, canvas and d3, with a PostgreSQL database and knex.

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
- → Awarded the Distinguished Alumni Scholarship for excellent undergraduate degree.
- → Achieved overall highest grade in the entire cohort.

UNIVERSITY OF BIRMINGHAM | B.SC. IN MATHEMATICS WITH HONOURS (CLASS I)
September 2014 - September 2017
- → Awarded the George Watson Scholarship for outstanding A-Level results and awarded "Best Presented Project" in Mathematical Modelling and Problem Solving Module.

SKILLS

LANGUAGES AND FRAMEWORKS

Web:
- JavaScript and TypeScript
- CSS and Sass
- React
- Node.js
- Next.js
- .NET
- D3.js
- SVG
- matter.js
- three.js
- ammo.js
- Canvas

Python:
- Python
- Pytorch
- Numpy
- SciPy

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

INTERESTS:

- Mathematics
- Data Visualisation
- Machine Learning
- Game Development

REFERENCES

Nick Menzies
✉ nicholas.menzies@eu.m3.com

Nat Eguchi
✉ nat@eguchi.co.uk
☎ +44 7535350371