Ed Wong

Junior Full Stack Software Developer

🏠 edwong-portfolio.vercel.app   ⬤ edmondwong6279   in edwong-portfolio.vercel.app

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

EXPERIENCE

UNIVERS LABS | TRAINEE SOFTWARE DEVELOPER
March 2022 - October 2022

→ Worked closely with the lead developer to learn different languages and frameworks used in web development.

→ Utilised previous expertise in machine learning and applied it to a new environment.

→ Contributed on multiple projects for a variety of clients. Through these projects I gained experience with next.js, wordpress and strapi CMS. Experience with git while working in a small team. Projects include:

  – Rhinostics ROI calculator: rhinostics.com/roi

  – Xenonarc website: xenonarc.com

→ Made redundant over company becoming insolvent.

PROJECTS

SHOE GENERATOR | REACT FRONT END, NODE AND PYTHON BACK END
2022

→ Deployed an ML model to generate images of shoes: shoegen.universlabs.co.uk

→ Developed with Pytorch, Docker, Node.js and React.

→ Worked closely with the lead designer to ensure users had clear control over the creation tool.

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. Integrated 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 enter working in industry.

UNIVERSITY OF BIRMINGHAM | M.SC. IN COMPUTER SCIENCE (DISTINCTION)
September 2017 - September 2018

→ Java was the main programming language learned, with some python too.

→ Awarded the Distinguished Alumni Scholarship for excellent undergraduate degree.

→ Achieved overall highest grade in the entire cohort.

UNIVERSITY OF BIRMINGHAM | B.SCI. IN MATHEMATICS WITH HONOURS (CLASS I)
September 2014 - September 2017

→ 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

Web:
• HTML
• CSS
• JavaScript
• TypeScript
• Node.js
• Next.js
• React
• d3
• matterjs
• threejs
• ammo
• Canvas
• SVG

Python:
• Python
• Pytorch
• Numpy
• SciPy

Other:
• SQL
• Git
• Docker
• Java

INTERESTS:

• Mathematics
• Data visualisation
• Game development

REFERENCES

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