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, please see my website at ed-wong.vercel.app

Experience

M3 | Junior Web Developer
November 2022 - Present

- ➔ Joined as a junior web developer in a small development team.
- ➔ Became a key team member quickly by engaging with the team as much as possible to ensure I could learn efficiently.
- ➔ Worked in a micro-services architecture on a variety of tech stacks: .NET, React, React Native and Next.js to name a few.
- ➔ Gained experience developing and maintaining RESTful APIs within the micro-services architecture.
- ➔ Contributed to moving infrastructure over to AWS, also gaining lots of 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 variety of clients. Projects include:
  - – Rhinostics ROI calculator: rhinostics.com/roi
  - – Xenonarc website: xenonarc.com
- ➔ Made redundant over company becoming insolvent.

Projects

A full list of projects that I have worked on can be found on my portfolio at https://ed-wong.vercel.app/portfolio.

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

- 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
- Node.js
- Python
- Pytorch
- Numpy

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

INTERESTS:

- Mathematics
- Data Visualisation
- Machine Learning
- Game Development

References

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