Trevor Tan

Graduate Software Developer

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Personal Statement

I have recently completed my Bachelor's degree - majoring in Computer Science. I'm looking for a graduate role in software development to acquire work experience and grow as a developer. I am particularly interested in web development, especially working in the frontend.

Projects

ReagentRegistry

A website developed to help streamline reagent management. This was created as part of my Capstone course, where I was part of a team of six. We collaborated closely with our clients, who were researchers, and got the opportunity to visit their lab to see thing in person which helped put the problem into perspective. Our clients were pleased with the final result and are now using it on a regular basis. Also, our group's project was nominated for the "Excellence Award" during the showcase event. I worked on the frontend using Next.js and the MUI component library.

MagicGatherer

Website for tracking your Magic: The Gathering cards, built using React and ASP.NET Core. The prices are scraped from the CardKingdom marketplace, and each scrape accounts for new cards and sets that may have been added. I submitted this project as part of the Microsoft Student Accelerator programme.

BudgetApp

A simple website for keeping track of your spendings. It allows you to categorize and see an overview of your spendings for each month. It is built using React and Node.js.

Technical Skills

Programming Languages

- JavaScript (3 years)
- TypeScript (2 years)
- Java (2 years)
- C# (<1 year)
- Python (3 years)
- HTML (3 years)
- CSS (3 years)
- SQL (<1 year)

Libraries & Frameworks

- React (2 years)
- Next.js (<1 year)
- Node.js (2 years)
- Express.js (2 years)
- TailwindCSS (<1 year)
- ASP.NET Core (<1 year)

Tools & Platforms

- Git (3 years)
- GitHub (3 year)
- Figma (2 years)
- Netlify (2 year)
- Storybook (<1 year)
- Azure (<1 year)

Education

University of Auckland

Studied	Degree	GPA
2021-2021	Bachelor of Engineering (Hons)	5.600
2022-2024	Bachelor of Science (Computer Science Major)	7.042

Overall GPA: 6.793

COMPSCI 331: Large-Scale Software Development

- For this paper, we were required to create RESTful APIs using Java, while working in a group of three. We also learned about system design tactics for improving system availability, performance, usability, and security.
- Grade: A+

COMPSCI 345: Human-computer Interaction

- This paper taught me about core UX concepts. This includes design principles, accessibility, and usability.
- Grade: A-

COMPSCI 399: Capstone

- I worked on a single big project with five other students to build our ReagentRegistry website for our clients. We only had half a semester of actual development time to build a full-blown web application, so it demanded effective teamwork, communication, time management, and programming skills.
- Grade: A+

Interests

I enjoy spending my free time playing video games, watching shows, and movies. I also work on personal projects whenever an idea comes to mind.