TREVOR PO

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Final Year Student @ The University of Auckland

I am an ambitious software engineering student eager to gain real-world experience and to advance my technical and soft skills. Software development is an exciting career path for me as it enables me to think outside the box and work within a multi-disciplinary environment. I am a dedicated learner and is always willing to communicate or gain further knowledge to complete tasks to the best of my ability. In a collaborative environment, I am a flexible and supportive team member who enjoys working with a diverse team.

Personal Interests - My hobbies consist of pencil & paper drawings, creating casual short animations, and building plastic model kits.

Education

Bachelor of Software Engineering (Hons) & Finance | 7.3/9.0 GPA   *2020 – 2025*
The University of Auckland / Waipapa Taumata Rau
- First in Course Award in SOFTENG 750

Work Experience

Part 2 ECSE Assistance Centre Mentor   *March 2025 – Present*
The Department of Electrical, Computer, & Software Engineering @ UOA
- Supporting and tutoring Part 2 ECSE students in a friendly and casual learning environment.

Engineering Intern   *November 2023 – February 2024*
LogTag International Ltd
- Implemented methods of data communication via **Bluetooth Low Energy** between a UTRED30-Wifi and third-party probes through developing an extensible state handler and parser with **C/C++**.
- Used **RealTerm** and **Keil** to monitor and test BLE commands and corresponding data bytes transferred.
- Tested and updated firmware build for the ESP32 chip on **Jenkins**.

Software Engineering Intern   *January 2023 – March 2023*
Kmax Technology
- Developed a web-scraping code with **PHP** and **HTML** to automate compilation of .csv records and parse data into a presentable format.
- Performed testing and research with proposed algorithms on parsed datasets.

Front of House Staff   *April 2021 – Present*
Daruma Group
- In charge of serving customers and stock management.

Projects

Visual LegalRuleML Editor with Autocompletion   *2024*
Tech Stack: React.js, Blockly, & Flask
- A block-based visual programming editor built on **Blockly** to support the construction and representation of a simplified LegalRuleML format. Visual autocompletion is integrated in the frontend to display visual block suggestions during workflow through accessing a trained deep-learning model hosted on the backend.

RecipAI: Personalised Recipe Generator   *2024*
Tech Stack: Next.js, Firebase, Jest & OpenAI API
- A full-stack web application to streamline the process of meal ideation and fitness tracking through utilising OpenAI for a personalised experience and providing automated macro-nutrients tracking.
- Utilised **Firebase** for user data and authentication and **Jest** for unit testing. A **CI/CD** pipeline was setup using **Vercel** and **GitHub**.

Technical Skills

Programming:	JavaScript, TypeScript, HTML/CSS, Python, Java, & R
Technologies & Frameworks:	React.js, Next.js, Express.js, Flask, Firebase, MySQL, & Jest
Other:	CI/CD, Git/GitHub, Graphic Design & Video Editing, & Basic electronic assembling