

Wynn Mo

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EDUCATION

University of Auckland

Bachelor of Engineering (Honours): Computer Systems Engineering

Auckland, New Zealand

March 2020 – November 2023

EXPERIENCE

Artificial Intelligence Teaching Assistant

University of Auckland

March 2023 – Present

Auckland, New Zealand

- Assisted a class of 90 students during drop-in labs by explaining complex concepts and clarifying doubts, facilitating a better understanding of the subject matter in machine learning and artificial intelligence.
- Conducted in-person interviews to assess and grade students' work.

Digital Consulting Intern

Beca

November 2022 – February 2023

Auckland, New Zealand

- Designed and developed a Long-Term Project (LTP) tracker app for city councils using Microsoft PowerApps resulting in greater productivity within city council workflows.
- Utilized PowerBI to create insightful graphical representations of data based on user-inputted project details.
- Conducted live app demonstrations for New Zealand city councils and provided consultation on pricing strategies resulting in the uptake of the product by city councils.

PROJECTS

Pikatune | *React, Monogodb, Express, Javascript, Figma, Spotify API*

April 2023 – May 2023

- Collaboratively developed a full-stack web application with technologies such as the MERN stack and Spotify API.
- Designed a Pokémon-themed game enabling users to generate Spotify playlists based on Pokémon types, featuring quiz-based gym battles, leveling up, social interaction with other users, and playlist preview options.
- Actively contributed to code reviews and maintained a high standard of code quality through pull request reviews.

Body Pawsitive | *Raspberry Pi Pico, React, MongoDB, Typescript, C++*

March 2023 – May 2023

- Developed a smart scale system implemented from scratch with hardware and circuit design, to weigh and log the weights of dogs, all managed through a MERN stack web application.
- Designed and developed the frontend component of the website, as well as the hardware sections of the smart scale.

Many more at wynnmo.com/projects

LEADERSHIP

Vice President

Robogals Auckland

January 2023 – Present

Auckland, New Zealand

- Collaborated with a team of volunteers to design and deliver engaging robotics workshops for young women in primary and secondary schools, fostering their interest and empowerment in STEM fields.
- Managed a team of 108 active volunteers, with 60 of them dedicating their time and efforts to multiple workshops.
- Organised 44 workshops at 23 different locations, reaching 1,027 students across Auckland for the year of 2023.

Partnerships and Sponsorships Manager

Robogals Auckland

January 2022 – December 2022

Auckland, New Zealand

- Increased sponsorship numbers from 4 to 11 since 2021 by liaising with STEM/Engineering companies.
- Organized collaborative workshops and events with sponsors such as EY, Xero, Beca, and Counties Energy.

TECHNICAL SKILLS

Languages: Javascript, Python, C/C++, HTML/CSS

Frameworks: React, Node.js, Material-UI

User Experience: Responsive design, Functional UX design, Wireframing (Figma), User flow

REFERENCES

References available upon request