Wynn Mo

Penultimate Year Computer Systems Engineering Student @ UoA

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I am a highly motivated Computer Systems Engineering student in my penultimate year at the University of Auckland. I have a great interest in UX/UI engineering, full stack development, hardware, artificial intelligence, and everything in between. Outside of work, I play a lot of video games and enjoy making designs on adobe illustrator.

Education

Feb 2020 - Current

Bachelor of Engineering (Honours): Computer Systems Engineering
University of Auckland - Auckland
Related Subjects
- Softeng 325: Software Architecture
- Compsys 306: AI and Machine Learning
- Softeng 281: Object Oriented Programming
- Softeng 284: Data Structures and Algorithms
- Compsys 209: Computer Systems Design
- Compsys 302: Design Software Practice

Feb 2015 - Nov 2019

High School Diploma
Burnside High School - Christchurch
Excellence Endorsed in NCEA levels 1, 2, and 3

Skills

Java, C, Python, VHDL

Figma, Adobe Illustrator, Android Studio

Data Structures and Algorithms

Machine Learning

Git version control

University/School Projects

GUI program for predicting handwritten digits/letters
Skills: (Python, Pytorch/Torchvision, Machine Learning)
Grade: A-
- Developed a GUI program in python that allows users to download an EMNIST dataset, view dataset images, select models to train dataset, and predict handwritten letters/digits. This required python concepts such as multithreading, box layouts, and utilizing the pytorch/torchvision package for training models such as LeNet5 and MLP, and testing datasets.
- Wrote code for LeNet5 and MLP training models with Python

Android App
Skills: (Android Studio, Java, Figma, Git version control)
Grade: A+

- Developed a shopping app to simulate the act of purchasing items by designing the app using Figma, then coding the frontend and backend aspects of the app with Java on Android Studio. Applied concepts such as proper UI design, User Input, varying view groups, and working with databases.
- Project done in collaboration with colleague using git version control features such as push, pull, commits, merge conflicts, and branching.

NCEA Level 3 Art Design Board
Skills: (Adobe Illustrator)
Grade: Excellence, Awarded $500 Scholarship

- Produced a three-panel art design board with graphics advertising a conceptual futuristic tech company. The board is themed around futuristic and scientific advancements, contrasted with dystopian-like and immoral tech company practices.
- Designed typography, web mock ups, app mock up designs, and posters using adobe illustrator

Work Experience

Driving Range Attendant
Russley Golf Club, Christchurch
Jan 2016 - Dec 2019

- Collected driving range balls and general greenkeeping - picked up pins, collected carts, collected sand buckets, swept golf storage room, and introduced new club members.
- Developed communication skills and efficiency due to a busy environment which required me to assist in working at different areas of the golf course whenever it is required.

Leadership, Volunteering, and Extracurriculars

Partnerships and Sponsorships Manager
Robogals Auckland
Jan 2022 - Current

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

STEM Workshop Volunteer
Robogals Auckland
Jan 2020 - Current

- Volunteered in schools to hold STEM related workshops, including HTML, coding, and M1 bot workshops. Robogals aims to inspire, engage, and empower young women and girls to enter STEM industries through interactive, volunteer-led workshops.

UOA Tennis Club Member
Uoa Tennis Club
Jan 2022 - Current

- Weekly tennis matches with other UoA tennis club members

Accomplishments

- (2019) NCEA Art Design Scholarship worth $500
- (2017, 2018, 2019) 1st place in Inter-school Christchurch Chess Competition
- (2018) Competed in Chess nationals, 4th place
- (2016) Awarded grade 8 Piano ABRSM certificate, the highest practical graded music exam

References

References available upon request