

Yuwei Shen

Penultimate Software Engineering and Statistics Student

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WORK & PROJECT EXPERIENCE (MORE PROJECTS ON GITHUB)

Xero – Referee: Chris Kang (Developer) (chris.kang@xero.com), Zac Feng (People Lead) (zac.feng@xero.com)

Software Developer in Business Products

2021/2022

- Used **React**, **React Testing Library**, **Cypress** and **Playwright** to build and test new features to modernise Xero's web application
- Optimised error detection by creating a **synthetic monitor** with New Relic
- Used **Teamcity** and created **Kotlin** scripts for building the pipeline
- Conducted **spike research** using customer data
- Worked with product manager, owner, designers and other microservice teams in an **agile** environment – scribed for sprint refinement, facilitated sprint retrospective and presented in sprint review

MYOB – Referee: Lokitha Sivakumaran (Developer) (lokitha.sivakumaran@gmail.com)

Intern Software Developer in Infrastructure

2020/2021

- Used **.NET framework (C#)**, **Entity Framework Core**, **AWS Command Line** and **SQL** to build endpoints for web application
- Deployed using **Docker**, **BuildKite** and **Amazon ECR**
- Practiced agile development, used **Atlassian's Jira and Confluence** and regularly attended mentoring sessions with senior developers

KOIOS - <https://www.facebook.com/teamkoios/>

Software Engineer for APSS CUBESAT team

2020/2021

- Planning software to process and transform raw streams of data from the satellite
- Designing the architecture for the KOIOS website and application

CHANCERY - <https://chancery.app/>

2020

Software Developer

- Worked on frontend functionalities with React (Hooks, APIs) and Redux
- Used Trello to track team progress
- Learnt key communication, time management and remote project skills

EDUCATION

University of Auckland Bachelor of Engineering (Hons) in Software Engineering & Bachelor of Science in Statistics

2019 - 2023

- **GPA 8.05/9.0 (A/A+)**
- Outstanding awards in all statistics courses

2020 - 2023

University of Auckland Case Programme – Referee: Brendon Potter

(b.potter@auckland.ac.nz)

- 1st place at University of Otago's National Case Competition April 2021
- 2nd place for the Deloitte Online Case Competition (2020) for BNZ
- Selected for Transtasman competition in July 2022

VOLUNTEERING & AWARDS

Developers Society - <https://www.facebook.com/devsuoa/>

Co-President

2022

Leading a team of 22 to create technical workshops, social events and network for any student interested in tech at the University of Auckland and AUT.

SINZ - <https://www.socialinnovation.nz/events>

2021

Conference Committee

Organised the health and technology section of the annual social innovation conference with my committee. Over 100 students and young professionals attended the conference.

Other:

Top Achievers Scholarship (2018) – University of Auckland

Australian Mathematics Competition High Distinction (2018)

Engineering Revue (Theatre) (2019, 2020, 2021) – Mic Technician & Lead (2021)

Smokefree Rockquest National Finalist – Creation of original music album (2018)