

EDUCATION

Auckland, NZ **The University of Auckland** **Mar 2017 – Nov 2020**

Bachelor of Engineering (Honours) in Software Engineering- Part III (Penultimate)

Academic Achievements:

- Engineering GPA: 8.75/9 (A/A+ Average)
- First in Course Award (2018)- ENGSCI213 and COMPSYS201
- Dean's Honours List (2017/2018)- Top 5% of Engineering Cohort

WORK EXPERIENCE

Developer/Co-Founder **Swyft Ltd** **Mar 2018 - Present**

- Developed UniRide- a mobile application that helps students find carpools with other like-minded people
- Created using **React Native** and a completely serverless back end hosted on **Microsoft Azure**
- Started as a competition submission that was showcased at the 2018 Microsoft Imagine Cup World Finals
- We have since decided to turn UniRide into a start-up project under the company 'Swyft Ltd'

Software Engineer Intern **Gentrack Ltd (Global)** **Nov 2018 - Present**

- Developed a robust end-to-end testing solution using **Cucumber**, **Protractor** and **TypeScript**
- Improved test speeds by up to **75%** through removing existing dependencies on explicit wait conditions
- Reduced failures due to faulty automation code by **50%** by implementing the **Page Object Model** pattern
- Automated the process for updating the web portal with the latest generated test reports

EXTRA CURRICULAR

Education Lead **Developers Society (DEVS)** **Sep 2018 – Present**

- DEVS is a club at the UoA that aims to equip developers with technical, business and interpersonal skills
- Designed a 10-week curriculum focusing on app development with React Native and serverless technology
- Responsible for running workshops to teach curriculum content through interactive lab style learning

Events Team **Velocity** **Sep 2018 - Present**

- Velocity is New Zealand's leading entrepreneurial development programme
- Responsible for planning and organising the logistics of large key events with 500-1000 attendees
- Actively promoted the programme within the student body through informational stalls and campaigns

PERSONAL PROJECTS

- **Swipe (2019)**. Cross platform mobile application for job finding. A **React Native** project made using **TypeScript** that leverages animated components to simulate a modern 'Tinder-like' app experience.
- **Name Sayer (2018)**. Desktop application that helps students learn the names of their classmates. **Java/JavaFX** is used for the business logic/UI and **FFMPEG** for audio processing/manipulation.
- **The Wardrobe (2018)**. Online platform for fashion enthusiasts to share and discuss interesting garments. Created using the **EJS** templating language and a **Node.js** back end with **Express/MongoDB**.

AWARDS

- **Microsoft Imagine Cup World Finalist (2018)**: Represented New Zealand at the Microsoft Imagine Cup World Finals held in Seattle. Our team **UniRide** placed top 50 out of 40,000 participants worldwide.
- **Duke of Edinburgh Gold Award (2017)**: Internationally recognized award with over 130 participating countries. The programme focuses on physical recreation, skill building and service to the community.

SKILLS

- Java (Object Oriented Programming), JavaScript/TypeScript, HTML/CSS
- BDD (Cucumber, Protractor, Chai), SQL, GIT, Agile Methodology, Data Structures, Algorithms