

# Andre Lepardo

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## SKILLS

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*Languages:* Java, Python, C#, Ruby, JavaScript, SQL, Bash, Dart, C++, HTML, CSS

*Technologies:* React, Git, GitLab, Docker, Firebase, Flutter, Machine Learning, Cyber-Security

## PROFESSIONAL EXPERIENCE

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### Victoria University of Wellington

March 2022 - January 2023

*Teaching Assistant*

- Marked student assignments, offering constructive feedback to foster academic growth
- Conducted lab sessions, guiding students through tasks, providing practical support
- Invigilated online and in-person exams

## EDUCATION & CERTIFICATIONS

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### Victoria University of Wellington

2021 - 2024

*Bachelor of Engineering with Honors Majoring in Software Engineering*

- Included on the Dean's List for Academic Excellence 2021, 2022, 2023
- GPA: 8.21 / 9.00

### St Patrick's College Kilbirnie

2016 - 2020

- NCEA Levels 1,2,3 Endorsed with Excellence
- Awarded the Victoria University of Wellington Tangiwai Scholarship

### Cisco Networking Academy

January 2024

- Cyber Security Essentials
- NDG Linux Essentials

## PROJECT EXPERIENCE

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### Dungeon GPT - Generative Playable Terrain

*Java, SpringBoot, React, CI/CD*

- In collaboration with a team of five, I helped developed a Web Application which procedurally generated dungeons for table top campaign games.
- Adopting a full stack developer role I spearheaded front end development, ensuring an intuitive user interface built with React.
- On the back my focus was developing Spring Boot endpoints to expose essential functionalities to the front end.
- I implemented Quality Assurance/Quality Control measures through a GitLab CI/CD pipeline, ensuring seamless integration and delivery.

### Fruits Image Classifier

*Python, Pytorch*

- Leveraged PyTorch to build a CNN which classified images of fruits as either a Strawberry, Tomato or Cherry
- Conducted EDA on an extensive image dataset, and conducted image pre-processing which resulted in increased model performance.
- The final model yielded a classification accuracy of 95%