

Andre Lepardo

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SKILLS

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

Technologies: Git, Docker, AWS, Firebase

Frameworks: React, NextJS, Flutter

PROFESSIONAL EXPERIENCE

Victoria University of Wellington

March 2022 - January 2023

Academic Tutor

- 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

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 - February 2024

- Cyber Security Essentials
- NDG Linux Essentials

PROJECTS

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.

Network Defense and Attack Portfolio

Python, IP Tables, Wireshark

- Built Python scripts to perform various network attacks, including ICMP echo responses, DoS attacks, and Xmas tree attacks.
- Demonstrated these attacks in virtual environments using Oracle VirtualBox, capturing and analyzing the impact on target systems.
- Configured firewalls and intrusion prevention systems to detect and mitigate attacks.

More Projects on demand