Luke Cooper

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EDUCATION

AUCKLAND UNIVERSITY
Bachelor of Science
Majoring in Computer Science and Information Systems.
Grad. Sept 2018 | Auckland, NZ

COURSEWORK

UNDERGRADUATE
Computer Science
Operating Systems
Discrete Structures in Mathematics
Functional Programming
Programming Techniques
Introduction to Software Development
Human Computer Interaction
Image Processing
Modern Data Communications

Information Systems
Business Systems Analysis
Database Systems
Data Communications and the Internet
ERP SAP Introduction

SKILLS

C# • Cypress • Python • HTML
SQL • Playwright • CSS • LaTeX
JavaScript • TypeScript
Test Automation • QA Testing
Selenium • CI/CD

REFEREES

Brenton Wong
Engineering Manager
Vacasa
021 399 304
brenton.f.wong@gmail.com

Campbell Moss
Director of Engineering
Vacasa
027 654 6555
campbell.moss@gmail.com

EXPERIENCE

DRONEDEPLOY | QA Cloud Engineer
June 2024 - Current | NZ
- As a QA Cloud Engineer on the Robotics team at DroneDeploy, I established QA practices from the ground up, implementing and maintaining CI/CD pipelines to support automated testing, release management, and quality reporting. I design and maintain automation frameworks using Playwright with TypeScript, and contribute test coverage for the rocos-agent in Go. I also oversee testing across multiple microservices, ensuring reliability, scalability, and smooth production release cycles.

VACASA | Senior QA Engineer
Aug 2021 - June 2024 | NZ
- I am a QA Engineer with expertise in implementing test practices, creating automation tests, and documenting test plans. I focus on increasing test coverage by developing automated tests, reducing manual testing workload for the team. My coding skills in Typescript allow me to create tests using Cypress and integrate them into the CI/CD pipeline. I oversee testing activities for two repositories: one for API and another for front-end web application testing.
Additionally, I train new QA engineers, ensuring they are proficient in our company's tools and familiar with effective testing methodologies.

DATACOM | Test Analyst
Sept 2019 – Aug 2021 | Auckland, NZ
- Conducted thorough QA testing for newly developed features, diligently documenting comprehensive testing strategies. Utilized C# and Selenium to create automation test cases tailored to the newly implemented functionalities, and enhancing both regression and smoke tests.

DIMENSION DATA | Migration Engineer
(Fletcher Building Contract)
Sept 2018 – Sept 2019 | Auckland, NZ
- Windows 7 to Windows 10 Migration for approx 6000 machines throughout New Zealand. Also including standardisation of all business units under all Fletcher Building Subsidiaries and collaboration of all domains. I worked closely with office managers, staff and back-end engineers to ensure a smooth and trouble-free migration.

PROJECTS

HOMELAB
June 2024 - Present
- In my spare time, I enjoy building and maintaining my homelab, where I run a variety of self-hosted applications. This has given me experience with Docker containers, system administration, and troubleshooting, while deepening my understanding of infrastructure and deployment workflows.

RASPBERRY PI
Jan 2022 – March 2024
- I managed to get my hands on a Rasberry Pi 3 and have been playing around with this in my spare time. Tinkering around with small projects like PiHole, Local network share, Plex media server, VPN etc.