

Contact

Phone

+64 27 606 4841

Email

philip@oliverphil.com

Website

oliverphil.com

Education

2021 - 2024

PhD - Engineering

Victoria University of Wellington

2017 - 2020

Bachelor of Engineering with

First Class Honours

Victoria University of Wellington

Expertise

Software Engineering

DevOps

Software Testing

Automated Crash Reproduction

Academic Writing

Critical Evaluation

Volunteer Work

2022 - Current

Board Member

Orpheus Choir of Wellington

2020 - 2022

Music Director

Wellington Youth Choir

2018 - 2020

Co-Founder and Committee

Member

New Zealand Students' Space
Association

Awards

Prof Peter Godfrey Scholarship 2022

SfTI Seed Project Scholarship 2021 -
2024

Victoria University Medal for
Academic Excellence 2020

Dean's List 2017 - 2020

Victoria University of Wellington C3
Scholarship 2018

Victoria Excellence Scholarship 2017

Philip Oliver

PhD Candidate - Software Engineer

As a full-time PhD Candidate my research interests lie in the fields of Automated Test Generation, Crash Reproduction, and Search-Based Software Engineering. Similarly, I have interests in Process Automation and DevOps practices to allow developers to spend less time identifying and fixing bugs and more time developing.

My other interests include playing squash, Scottish country dancing, and singing in choirs. I have previously been the music director for the Wellington Youth Choir and am currently the Tenor 2 section leader for the NZ Youth Choir

Experience

11/2021 - Current

3Skye

Junior Software Developer

As a part-time employee of 3Skye, I am given projects which other employees do not have time to work on. These are mostly DevOps projects or other projects which improve processes in the company. Among these projects, I have been automating testing and deployment for our software using Jenkins and working on log aggregation for various software so we can easily identify and analyse issues in our production software.

11/2019 - 02/2020, 11/2020 - 02/2021

Rocket Lab

Intern Software Engineer

In my role at Rocket Lab I primarily worked on software which was used by manufacturing technicians to build launch vehicles and parts. My first internship was spent mostly developing features and fixing bugs in the .NET and Angular application while following team procedures and agile methodologies and maintaining communication with stakeholders. My second internship was mainly spent building DevOps solutions for that software. In this internship I was responsible for migrating the application server from .NET standard and framework to .NET 5 and also provisioning and creating build scripts for CI/CD and deployment to Kubernetes for the suite of applications owned by my team.

03/2018 - 11/2021

Victoria University of Wellington

Lab Demonstrator/Tutor

As a Lab Demonstrator and Tutor, I was responsible for improving the knowledge of students in my tutorials, labs, and those whose assignments and tests I marked. Through my time as a tutor, I discovered I was understanding the topics I was teaching better than when I was studying them. I found that a core requirement of the job was explaining complex concepts to students in multiple ways and simple enough language that anyone could grasp the concepts being taught. As a marker, I was required to have high attention to detail, especially when marking essays. When marking essays I was not only required to give grades, but also to provide comprehensive feedback about students' writing style, use of grammar, overall structure, and coherence of their essays.

Reference