



## GET IN CONTACT

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109A Suva Street, Upper Riccarton, Christchurch 8041, New Zealand.

Work Right Status: NZ citizen.

## PERSONAL PROFILE

### Enter-level software engineer

- Loves coding, testing and debugging, as it gives me a sense of accomplishment and confidence.
- Passionate about writing clean code satisfying SOLID principles that results in robust software.
- High work ethic was demonstrated through study and employment.
- With internship experiences.
- With GIS and Fortran programming experience from civil engineering background
- Quick learner: picking up skills quickly and confidently.
- Eager to continue improving skills

## SKILLS

### Coding

- JavaScript
- Python
- C#
- PHP
- HTML
- TypeScript
- C / C++
- CSS
- Markdown
- Fortran

### Frameworks and libraries

- ReactJs
- NodeJs
- .NET ASP Core
- Angular
- Flask
- Entity Frameworks
- VueJs

### Testing methods and tools

- TDD
- .NET MS Test
- Manual tests
- Jasmine
- Jest

### Database

- MS SQL
- MongoDB

### Version control

- GitHub
- GitLab

### Management methods

- Kanban
- Scrum
- Agile

## INTERNSHIP / LEARNING EXPERIENCE

### Mentee to Remote Software Developer (Part-time)

Biodata Sistemas (Argentina) | Aug 2021 – Present.

Canterbury Tech (Christchurch) | May 2021 – Aug 2021.

- Learn and develop a hearing clinic app:  
<https://biodatasistemas.com.ar/>
- C#, ASP.NET Core Restful API.
- Blazor.

### Summer Intern

Tait International | Nov 2020 – Feb 2021.

- Python Flask Restful API.
- Security: SSH certificate.
- Event logging: Graylog for data extraction and visualization.
- Efficiency improvement: maintenance process for remote Linux mobile devices and readability of unstructured log data.
- GitLab for version and quality control
- Linux (Ubuntu distribution)
- Docker

### Software Developer Intern

MVP Studio Limited | Aug 2020 – Nov 2020.

- C# ASP.NET core MVC Web Restful API.
- React application.
- GitLab for version control.
- SQL Server DB

### Intern

Hedgebook Limited | Feb 2020 – July 2020.

- Test driven development.
- React application.
- Applied Kanban management.
- GitHub for version control.

### Intern

Numbers NZ Ltd. | Sep 2019 – Feb 2020.

- Built and tested components of AWS Lambda Serverless.
- Tested and debugged components of Angular and Ionic user interface.
- Agile Scrum software development framework.
- GitHub for version control.

## SKILLS (Cont'd)

### Log management

- Graylog

### Other Skills

- UX design
- GIS
- Electronics
- MS Office
- Embedded system
- Accounting
- Structural engineering
- Civil engineering

## CURRENT EMPLOYMENTS

### Temporary Worker

from several employment agents

OneStaff Recruitment | Aug 2021 – Present.

Reliance Recruitment | Feb 2021 – Jul 2021.

- Manufacturing circuit board.
- Circuit board testing.
- Circuit board inspection.
- Assembly work.

## AWARDS

### Outstanding Academic Performance

Ara Institute of Canterbury | 2019.

### Winner (team of 2) of Coding Challenge @ Te Ōhaka

SchoolBell.chat & Ministry of Awesome | 2019.

### Chocolate Fish Award (for design and building database system)

Vector Advanced Meter Service | 2019.

### Skills Shortage Scholarship

Ara Institute of Canterbury | 2019

### Certificate of Appreciation (for work performance)

TE Connectivity | 2019.

### First Runner up (team of 4)

Robert Walters Hackathon | 2018.

### UC Summer Research Scholarship

University of Canterbury | 2017.

### Golden Key Membership (academic achievement reaching top 15% of students)

Golden Key | 2017.

## REFEREES

Available on request.

## INTERNSHIP / LEARNING EXPERIENCE (Cont'd)

### Software Developer Intern

MVP Studio Limited | May 2018 – Sep 2018.

- Built C# ASP.NET MVC Web Applications.

### Placement for UC Scholarship

University of Canterbury | Nov 2017 – Feb 2018.

- Modified and developed an image processing software for improving the efficiency of a microorganism force sensor by using ImageJ and MATLAB.

### Summer Intern

Shell Todd Oil Services Limited | Nov 2016 – Feb 2017.

- Modified, designed and developed VBA-embedded Microsoft Excel spreadsheets interacting with production computer systems for improving the efficiency and accuracy of management processes.
- Used MS Excel, VBA, SQL and OSIsoft - PI System.

### Research Student and Research Assistant

The Hong Kong Polytechnic University | Sep 2001 – Nov 2004.

- Wrote Fortran program for simulating landslide behaviour.
- Used GIS to generate landslide hazard map.

## Education

### Master of Applied Computing (Part-time)

Lincoln University | Feb 2021 – present.

- User experience design.
- Software development.

### Graduate Diploma in ICT (programming pathway)

Ara Institute of Canterbury | Feb 2019 – Jul 2020.

- Software development (C#, Python, JavaScript, HTML, CSS, PHP & SQL).
- Project management.

### BE (Hons) Computer Engineering

University of Canterbury | Jul 2014 – Mar 2018.

- Software development (Python, Java, C & C++).
- Electronics (circuit board design and production, VHDL, nano tech & signal and image processing)
- Project management.

### Post. Diploma in Professional Accounting (Part-time)

The University of Hong Kong | Sep 2008 – Jul 2010.

### Master of Philosophy

The Hong Kong Polytechnic University | Sep 2001 – Jul 2004.

- Wrote Fortran program for simulating landslide behaviour
- Used GIS to generate landslide hazard map.

### BEng (Hons) in Civil Engineering (Part-time)

The Hong Kong Polytechnic University | Sep 1996 – Jul 2000.