

ALISTAIR MCINTYRE

JUNIOR SOFTWARE DEVELOPER



ABOUT ME

I am a 27 year old resident of Christchurch, a recent graduate of the University of Canterbury, and passionate about all things tech. I am a team player looking for a position that can both employ my skills as a Software Developer to create value, and that I can grow professionally in.



EDUCATION

NOV '12
|
NOV '17

FEB '09
|
DEC '09

- **BSc. Computer Science**
University of Canterbury
- **Diploma in Web Development**
Natcoll Design Technology



EXPERIENCE

JAN '18
|
NOW

- **Junior Software Developer**
Croplogic
 - Part of a small team at an exciting Agritech company.
 - Built 2 cross-platform mobile applications using Flutter, Google's new cross-platform mobile framework.
 - Adapted to new technologies I had never used before very quickly.

JAN '13
|
NOV '16

- **Nightfill Assistant**
Countdown Supermarkets

NOV '11
|
AUG '12

- **Labourer**
Alliance Meats



PROJECTS

2018

- **Internal Agronomy Tablet App**
Croplogic

An internal tool for use in the field to replace ProAg Croplogic's aging crop management system that had an aging UI, relied on ad-hoc wifi networks and remote desktop, and had no support for cloud storage, making data difficult to share or analyze.

Dart Flutter Cloud Firestore Objective-C

2018

- **GrowerView**
Croplogic

GrowerView is a cross-platform mobile application for customers of ProAg Croplogic to view the real time soil moisture readings from their fields, and so they can be automatically notified if something had gone wrong with their fields.

Dart Flutter Cloud Firestore Python Matplotlib

2017

- **Full Year Group Project**
University of Canterbury

Working in a team of 8 students, we created a 2D top-down view for the live data feed from the 35th America's Cup. Once the America's Cup had concluded, we pivoted to making a 3D multiplayer sailing game with support for LAN and Online play. For most of the team this was our first exposure to working on a larger, longer term project (where early decisions could have greater consequences), and to the Software Development Life Cycle and Agile methodologies (Scrum).

Java JavaFX Maven OpenGL

2017

- **Crowdfunding Web Application**
University of Canterbury

As an introduction to API First web development we were tasked with completing a basic crowdfunding web application, first building the API to a given specification and then the web application to use that API.

Javascript Node.js Vue.js Express.js MySQL

References will be supplied upon Request.

CONTACT

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SKILLS

UI/UX Design
SDLC
Git
CI/CD
Agile Scrum
Test Driven Development
Relational Database Management

LANGUAGES

Dart

- » Flutter

Python

- » Flask & SQLAlchemy
- » Django
- » Matplotlib

Java

- » JavaFX
- » Maven
- » JUnit

Javascript

- » Node.js
- » jQuery
- » Vue.js
- » Express

SQL

- » MySQL
- » Oracle
- » Postgres

Objective-C
PHP
C/C++