



# Dean Woodward

deanwoodward75@gmail.com 

## Software Developer

027 5519888 

Creative coder with 5+ years experience in mobile and web development, with a BSc in Computer Science and a passion for working in Swift and C++. Successfully launched 7 iOS applications for a diverse group of business and non-profit organisations.

Bell Block, New Plymouth 

deanwoodward.co.nz 

## </> Technical Skills

### ● Software Development

iOS

Swift

Git

HTML

CSS

Javascript

Python

Digital Skills Tutoring

### ● Electronics Design & Assembly

Analogue & Digital Design

PCB Design & Manufacturing

Kicad

SMT Assembly

### ● Embedded Development

C

C++

PlatformIO

Arduino

LVGL

RP2040

### ● Graphics & Design

Sketch

GIMP

Material Design

### ● Driving

Full Car License

## 🧑 Soft Skills

- Attention to Detail
- Communication
- Creative Problem Solving
- Critical Thinking
- Self Initiative

## 📁 Work Experience

### ● Census Collector, Statistics New Zealand

February 2023 - April 2023 (Fixed Term Contract)

New Plymouth

Checking and updating address information, and delivering and collecting census material to and from households and businesses. Using hand-held technology and numerous software applications, with the requirement to maintain data security and ensure accurate record keeping.

### ● Software Tutor, Learner Me

September 2022 - December 2022 (Fixed Term Contract)

New Plymouth

Facilitating laboratories and working one on one with students from a range of backgrounds and experience. Marking and moderating assignments involving a broad array of technologies.

### ● Software Tutor, Computer Power Plus

May 2019 - July 2019 (Fixed Term Contract)

Wellington

Running practical laboratories. Creating tutorial content and staging workshops to give students an opportunity to work on practice exam content in a group setting.

### ● iOS Developer, Bluetech

February 2017 - February 2018 (Fixed Term Contract)

Wellington

Development, testing and deployment of an employer/employee job matching iOS application. This involved the use of a range of software technologies and working with a internationally distributed team. Once the application was released to the public, the role evolved to include application maintenance and adding new features as required.

### ● iOS Developer / Graphic Designer, Datacom

November 2012 - June 2016

Wellington

Design, development, testing and deployment of iOS applications. Working with back-end developers in the construction of custom API's. Conceptualisation, design and prototyping of iOS and Android applications.

## 🎓 Education

### ● Bachelor of Computer Science, Victoria University

2010 - 2012

### ● Diploma in Fine Art, WITT

1994 - 1996

## 🧠 Professional Development

### ● Small Team Leadership, SoftEd

September 2015

### ● Requirements Gathering for Agile Projects, SoftEd

December 2012

## Published Applications

Visit [deanwoodward.co.nz](http://deanwoodward.co.nz) for a selection of videos and screenshots

### mPloy

Brown and Wood



Jobseeker/Employer job matching application, arising out the product owners frustrations with current job advertising practises. Developed using Swift, incorporating social media login, In-app purchases and Firebase messaging and notifications. Using Alamofire and PromiseKit to handle API interactions.

### Pastel Planner

St Mary's College



School planning application developed in collaboration with three students from St Mary's college as part of the 2015 Techhub challenge. Developed using Swift, with MagicalRecord for data persistence and XLForm for data entry. Led the design and prototyping of the iOS and Android applications.

### Junction

Datacom



Application allowing users to search for and book meeting rooms, and view meetings for the day. Developed with Swift, using AFNetworking for API interactions. Led the design and prototyping of the iOS and Android applications.

### C3 Bush Docket

C3 Ltd



Pre-notification application, which provides carriers the ability to pre-notify the port checkpoint of inbound loads. As the dockets are submitted, an automated piece count is prepared for the checkpoint. Swift application using Alamofire for networking, Eureka for data entry, and MagicalRecord for data persistence.

### Q-Card Mobile

Fisher & Paykel Finance



Co-developed the Q-Card iOS application for Fisher & Paykel Finance, allowing users to view account balances and transactions, along with updating their account settings. The first application developed in Swift at Datacom, using Restkit for networking and object mapping.

### How's it Going

CCS Disability Action



Co-developed the How's it Going application for CCS Disability Action. Allows CCS clients to record and optionally submit a snapshot of their current mindset. Objective-C application using Core Data for offline storage.

### Geodetic Marks

Land Information New Zealand



Co-developed the Geomarks application for LINZ, allowing users to view geodetic mark locations on a map, view details of a specific mark, locate the mark using a compass, and store marks for offline use. A hybrid application developed using the Sencha Touch framework.