

# Mitch Myburgh

Software developer specialising in fullstack app development

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## EXPERIENCE

### Timon, Cape Town — CTO

November 2017 - January 2019

<http://timonapp.com/>

An app where you pay to chat with subject matter experts. Currently ongoing

I was the sole developer and developed the app and backend as well as an admin portal. The app contains payment processing, voice and text chat.

Built Using Golang, VueJS, MongoDB and Cordova.

### HOPAPP (pty) ltd, Cape Town — CTO

November 2015 - January 2018

A startup I founded with 2 friends, it was an events and deals social network. It was sold.

I was the CTO and coded the Backend and management console, as well as a large part of the two apps. Included a front facing app and management console for deal owners, as well as a scanner app for POS for redemption of deals. I also built a simplified Reddit-like site for displaying deals as an alternative in VueJS and Golang

### OLX, Cape Town — Intern

November 2015 - January 2016

I did a December internship at OLX in 2015/2016, I worked in PHP and on a native Android app.

### Opus, Cape Town — CTO

August 2014 - January 2016

A job finding app and the first app I built. Status: shut down.

Built entirely in jQuery, Cordova and the Framework7 css library. Backed by Parse and shutdown when Parse shut down.

## SKILLS

Go, Javascript (Node.js, VueJS (including vuex and vue-router), React, React Native, Cordova, Express, MobX), MongoDB, Git, Gitlab, Gitlab CI/CD, Linux, Latex (formatting language), HTML, CSS, jQuery.

As the sole developer in most of my projects I have gained experience in user interface design and server deployment and management.

Some experience in Native Android Development and PHP.

Some Experience in SQL.

Java and Python were the languages of instruction in University so I am experienced in both but have not released anything to production in them.

## AWARDS

Class Medal (Top Student) in MAM1044H (Applied Maths) and CSC3003S and CSC2005Z.

Dean's List (2012 and 2013, 2015)

Certificate of Merit in CS1015F

## EDUCATION

### **UCT, Cape Town — *Computer Science Honours First Class***

January 2016 - December 2016

My honours project was in the use of embedded systems for education and I gained skills in programming C on the Arduino. Some of the courses I took where evolutionary computing, data visualisation, network security, computer vision, ontology engineering, information retrieval, distributed scientific computing, logic for AI and human computer interaction.

### **UCT, Cape Town — *Bachelors degree in Mathematics and Computer Science***

January 2012 - December 2015

In 2015 I was awarded a Bachelors degree in Computer Science and Mathematics with a distinction in Computer Science from the University of Cape Town. I have a large amount of experience in Java and Python as they were the languages of instruction at UCT.

## PROJECTS

### **Celtic Knotwork Gui — *3rd year research project***

<https://github.com/mitchmyburgh/celtic-knotwork>

February 2015 - June 2015

A Celtic Knotwork creation GUI that outputs a 3d model of the knotwork. Built in Python.

### **Playduino — *Honours Project***

<https://github.com/mitchmyburgh/playduino>

<https://github.com/mitchmyburgh/playduino>

[https://github.com/mitchmyburgh/arduinoed\\_website](https://github.com/mitchmyburgh/arduinoed_website)

September 2016 - December 2016

My Honours Project: an investigation of the use of Arduinos in education. Included a basic C game engine and Arduino powered game console.

### **(fade) — *Side project***

<https://fade-alpha.netlify.com/#/>

April 2018 - June 2018

(fade) is a social network where posts expire after a certain amount of time. Built in React, Golang and MongoDB. It is still a work in progress as I intend to rewrite it in VueJS and using Postgres, so the link above may contain bugs.

## REFERENCES

**William Mellor** — *Timon*

[william@2oceansvibe.com](mailto:william@2oceansvibe.com)

**Charl O'Connell** — *Hop!*

[charloconnell93@gmail.com](mailto:charloconnell93@gmail.com)

**David Svendsen** — *Opus*

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