

# Prabhat Gokul

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## Goal

I am a finalist computer science student passionate about applying my programming skills and experience to a meaningful cause that can bring advances to the education and health sector.

## Education

### Bachelor of Arts

Major in Computer Science (finalist)	University of Otago	2016
NCEA Level 3 (Excellence)	Pakuranga College	2009

## Software Development Experience

<b>Chinese Popup Reader</b>	<b>Self-initiated project</b>	January 2016 -
<b>Smartphone Application</b>		Present

- Successfully developed an Android application which aids students studying Chinese at university to improve their reading skills.
- Designed UI wireframes, and diagrams for the application structure.
- Built the app in Android Studio using Java, SQLite, and used XML and JSON parsing.
- Presented the app to staff and students at the Chinese Department, and recruited 40 students to test the app.
- Self-managed time, and released the app to university students for testing.
- Currently investigating different options to expand the app cross-platform.

<b>Buchanan Ocular Therapeutics</b>	<b>University of Auckland</b>	December 2014 –
<b>Unit Summer Studentship</b>	<b>Ophthalmology Department</b>	February 2015

- Successfully developed a prototype Atlas of Anterior Ocular Pathologies Android application.
- Consulted supervisors regularly to discuss the requirements of the app and receive feedback, while self-managing time to meet deadlines.
- Self-learned Android programming using the Android API Documentation and online tutorials.
- Built the app in Android Studio using Java, XML, SQLite, and Amazon S3 storage.
- Presented the app at the NZ-NEC summer Student Symposium, University of Auckland.

## Other Work Experience

<b>Home Support Worker</b> ( <i>part time</i> )	<b>IDEA Services LTD</b>	Sep 2012 – July 2014
<b>Self-employed</b>	<b>Bart's Eco Carwash</b>	Jan 2012 – July 2012
<b>Photography, Administration and Marketing Support</b> ( <i>casual</i> )	<b>Valeant Pharmaceuticals</b>	Sep 2011 – Jan 2013
<b>Sales Assistant</b> ( <i>part time</i> )	<b>Colorado Group</b>	Nov 2010 – May 2011
<b>Customer Service Assistant, Checkout Operator</b> ( <i>part time</i> )	<b>The Warehouse LTD</b>	2007 – 2010

## Programming Skills

**Java** – Developed intermediate/advanced Java skills, and gained extensive experience through university study and software projects.

**Problem solving** – confident to solve problems in real life scenarios by implementing various data structures, search and sorting algorithms, while creating easy to use user-interfaces

**HTML, CSS & JavaScript** – acquired a good foundation at university that can be easily built upon.

**SQLite / MySQL** – developed a basic understanding of databases through Android development; enrolled to study database theory and applications in semester two.

**Online learning** – comfortable to learn new skills using Google and online resources.

## Personal Attributes

**Strong interpersonal skills** – My varied experience helped me become comfortable and confident to effectively communicate and interact with a diverse range of people.

**Self-starter** – Learned to self-motivate and self-direct my work through becoming self-employed and self-initiating my own project.

**Team player** – Working in a large team at The Warehouse, and with supervisors of my summer studentship, taught me how to work effectively in a team.

**Excellent time management skills** – Juggling multiple university courses along with working part-time enabled me to efficiently manage my time and prioritise tasks.

**Language skills** – Studied Chinese at university to an intermediate level in speaking, listening, reading, and writing; continuing to practice and improve daily.

Referees available upon request