

# Vinny Tunnell

<https://vinnytunnell.com>

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Final year software engineering student eager to collaborate with others to build high quality software.  
Positive, sociable, and motivated to learn and adapt to new challenges.

## Education

**BEng (Honours) in Software Engineering**, *University of Auckland*

**2017 - Present**

- Dean's Honours list, Faculty of Engineering 2017 (top 5% of all engineering students)
- Current GPA 7.3/9 (A- average)

## Work Experience

**Maxtel Software**, *Software Engineer Intern*

**November 2018 – August 2019**

- Designed and developed a break management mobile app for McDonald's - deployed to all 167 McDonald's sites in New Zealand, and used by 110 regularly over the last year.
- Frontend development on an employee file management system used by a total of 191 McDonald's franchisees across New Zealand and Australia.
- Use of HTML, CSS, and Javascript in frontend development.
- Formation of entity-relationship models and experience with SQL.
- Experience with SCRUM and the Agile development process.
- Demonstration of an app to franchisees and staff members before it was trialed at McDonalds.

**Burger Wisconsin - Ponsonby**, *Crew Member*

**November 2017 – April 2018**

- Customer service, teamwork and interpersonal skills in a fast-paced environment.

## Skills

**Languages:** Java, Javascript, HTML/CSS, Python, React, SQL

**Other Software:** Git, Agile Development, UX Design, ER Models, Unit testing, Algorithms, Data Structures

**General:** Communication, Teamwork, Adaptability, Problem solving, Leadership

## Key Projects

**Democrify** - party playlist app built using a MERN stack (MongoDB, Express, React, Redux, NodeJS), and the Spotify Web API. Hosted using Heroku at <https://democrify-party.herokuapp.com>

**NameSayer** - a Java/JavaFX application used for practicing the pronunciation of names. FFmpeg commands called via the Bash Unix shell used to record, play back, and manipulate audio.

**Tweeto** - a social media application created using the CherryPy web framework for Python3 with encryption of private messages using PyNaCl. SQL, HTML, CSS, and Javascript/Jquery also utilised.

**Dreamscapes** - a platformer game developed with Java/JavaFX and CSS.

## Extracurriculars

- University exchange, University of British Columbia, Vancouver, 2019.
- Competitive football player, 2004-2020.
- Captain of the Green Bay High School First XI football team, 2015-2016.
- Senior mentor of year 10 students, Green Bay High School, 2016.