

Vinny Tunnell

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Final year Software Engineering student with a passion for technology. 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 trialled 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, C

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

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

Key Projects

Tweeto - a social media application created using the CherryPy web framework for Python3 along with Jinja2 for page templating, and PyNacl for encryption of private messages. SQL, HTML, CSS, and Javascript/Jquery also utilised.

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.

Dreamscapes - a 2D platformer game developed with Java/JavaFX and CSS.

Personal Website - responsive portfolio website built using React.

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.