Vinny Tunnell

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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**

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

Work Experience

Maxtel Software, *Software Engineer Intern*   **November 2018 – August 2019**

- o   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.
- o   Frontend development on an employee file management system used by a total of 191 McDonald's franchisees across New Zealand and Australia.
- o   Use of HTML, CSS, and Javascript in frontend development.
- o   Formation of entity-relationship models and experience with SQL.
- o   Experience with SCRUM and the Agile development process.
- o   Demonstration of an app to franchisees and staff members before it was trialled at McDonalds.

Burger Wisconsin - Ponsonby, *Crew Member*   **November 2017 – April 2018**

- o   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.

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

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