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**

- o Dean's Honours list, Faculty of Engineering 2017 (top 5% of engineering cohort)
- o Current GPA 7.4/9 (A-/A average)
- o University exchange, University of British Columbia, Vancouver, 2019

NCEA Level 3 Overall Merit Endorsement, *Green Bay High School*   **2012 – 2016**

- o Captain of First XI Football Team, 2015-2016
- o Senior mentor for year 10 students, 2016

Work Experience

University of Auckland, *Graduate Teaching Assistant*   **July 2020 – Present**

- o Presentation of fundamental software development material to lab sessions of over 80 students.
- o Tutor for individual help with Python programming exercises in lab sessions and online.

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 Agile and the Scrum development process.

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, React, Python, 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 web 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 - 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 - 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.