

# Aiden Burgess

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## Technical Skills

- Python
- Git
- HTML
- CSS
- Java
- Matlab
- React
- Javascript
- P5JS

## Education

University of Auckland (2018-2021)

2<sup>nd</sup> year **Bachelor of Engineering (Hons)**

Majoring in **Software Engineering**

- Engineering GPA: **8.5/9 (A+/A)**

*Awarded Dean's Honours List (2018)*

- Top 5% of students in the Engineering cohort

High School: Auckland Grammar School (2013-2017) **A\*AA**

## Projects

**Compound Calculator** – [link here](#)

- Developed an advanced calculator used to calculate future savings using **python**. Has a graphical user interface and functionality to build annotated graphs.
- Implemented TkInter for graphical interface and matplotlib for drawing graphs.

**Cross Game** – [link here](#)

- Programmed a 2D cross the road game with **python** using Pygame, learning the fundamental concepts of **object-oriented programming**.
- Refactored code, added animated sprites, 8-way movement, menu screens.

## Work Experience

**Checkout/Active Selling** at The Warehouse Group (2018)

- Engaged effectively with a high volume of customers, answered questions and took the initiative in solving any customer issues.
- Co-operated in a fast-paced environment to meet peak seasonal demand.

## Co-curricular Involvement

**Student Representative** for Software Engineering Part II (2019)

- Consolidated student perspectives to communicate relevant feedback to department staff. This assisted academic staff in implementing tangible changes to courses.
- Changed weightings of tests and assignments, pushed back assignment dates when they coincided with tests.

**Club Involvement:** Software Engineering Student Association, UoA Esports, Developers Society, Microsoft Student Accelerator.

**Interests:** Investing, reading, table tennis, cooking, podcasts, and running.