

# Dan Ngo

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## SUMMARY

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Second year, second semester Computer Science student at Swinburne University of Technology. Disciplined and dedicated person seeking internship opportunities in Front End Development with detail-oriented, fast adaptation and open-minded working ethics.

## EDUCATION

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### Swinburne University of Technology

Hawthorn, VIC 3122

Bachelor of Computer Science (Major: Software Development & Data Science)

Feb 2023 - Dec 2025

- **GPA:** 3.58/4.00
- **Related Coursework:** Web Development, Data Structures & Algorithms, Objects-Oriented Programming, Machine Learning, Database Design, Cloud Computing, Computer System, Computer Networking.

## PROJECTS

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### Portfolio Website: [danngo.space](#)

Nov 2023 – Present

- A developing portfolio website currently using React.js and Tailwind CSS for Front End.
- Soon to start the deployment of Back End and Database.

### Meal Planner

Mar 2024 - Present

Team Member – Front End developer

- A team project developing a web application that allows users to choose a dish's recipe with multiple types of information such as nutritional values, diet planning, recipe's price based on location, etc.

### Tic Tac Toe Android Game in Java

21<sup>st</sup> Jun 2024 – 25<sup>th</sup> Jun 2024

CS50x (Harvard's Introduction to Computer Science)

- A 2-player Tic Tac Toe game developed on Android OS using Java for CS50x's Final Project.

### Data Cleaning and Analytics in Knime

3<sup>rd</sup> May 2024 – 10<sup>th</sup> May 2024

Swinburne University of Technology

- A Data Science Project includes data cleaning and modelling for prediction.
- Given 100,000 entries of "dirty data", the goal is to clean the dataset so that it can be used for predicting using Naïve Bayes and Random Forrest training models.

### C# OOP Custom Program: Single-Player Game

23<sup>rd</sup> Oct 2023 – 5<sup>th</sup> Nov 2023

Swinburne University of Technology

- A simple game using C#, SplashKit library and Object-Oriented Programming design principles.
- Included writing NUnit tests throughout the semester.

### MySQL/MongoDB Database Design

23<sup>rd</sup> Oct 2023 – 6<sup>th</sup> Nov 2023

Swinburne University of Technology

- Designed a simple MySQL Database and migrated it to MongoDB for research/comparisons.

## SKILLS

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**Programming:** React.js, Tailwind CSS, Java, C#, C++, Flask, C, Sass, Ruby.

**Database:** MySQL, MongoDB.

**Tools:** Visual Studio Community/Code, Git/GitHub, MySQL Workbench, MongoDB Compass, AWS, Android Studio, Docker, Figma, KNIME, Agile, Jira, Confluence.

**Miscellaneous:** User Experience (UX) Design, Teamwork, Public Speaking, Leadership.