

Gabriel Wan

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EDUCATION

National University of Singapore

Aug 2025 - Aug 2029

Bachelor of Computing in Computer Science

Anderson Serangoon Junior College

Jan 2021 - Dec 2022

Singapore-Cambridge General Certificate of Education Advanced Level

H1 General Paper - C

H1 Chemistry - A

H2 Physics - A

H2 Economics - A

H2 Mathematics - A

H1 Project Work - B

Zhonghua Secondary School

Jan 2017 - Dec 2020

Singapore-Cambridge General Certificate of Education Ordinary Level

English Language - A2

Humanities (Social Studies, Geography) - B3

Additional Mathematics - A2

Mathematics - A2

Physics - A2

Chemistry - A2

Computing - A1

WORK EXPERIENCE

Giant Supermarket, Cold Storage Singapore Pte Ltd

Dec 2020 - Jan 2021

Sales Assistant (Part-Time)

- Supported daily operations and gained insights into retail management
- Assisted customers with inquiries and provided guidance around the store
- Restocked and maintained shelves in the Groceries Department, ensuring product availability

ACTIVITIES

College Ambassador for Junior College Orientation 2022	Dec 2021 - Mar 2022
Member of Tennis Club, Anderson Serangoon Junior College	Mar 2021 - Dec 2022
Member of Class Committee, Anderson Serangoon Junior College	Mar 2021 - Dec 2021
Senior Councillor; Student Council, Zhonghua Secondary School	Jan 2017 - Dec 2020
Administrative Head; National Police Cadet Corps (NPCC), Zhonghua Secondary School	Jan 2017 - Dec 2020

PERSONAL PROJECTS

SNAKE GAME Jan 2024 - Jan 2024

- Developed a snake game for CS50P's final project using Python and Pygame
- Implemented core features such as snake movement and its growth, collision detection

CALCULATOR WEB-BASED APP Sep 2023 - Sep 2023

- Devised a basic calculator app for CS50X's final project using HTML, CSS, and JavaScript
- Implemented core arithmetic operations (addition, subtraction, multiplication, division) with a clean and simple interface

TIC-TAC-TOE VS AI Jul 2020 - Jul 2020

- Implemented using Breezypython GUI, where players face off against an AI using an algorithm for optimal moves
- Designed an interactive 3x3 grid interface and incorporated game logic for win/loss detection and restarting the game

ADDITIONAL

Technical Skills: Proficient in Python; Familiar with JavaScript, HTML/CSS, SQL, and C

Languages: Fluent in English; Conversational Proficiency in Mandarin

Certifications & Training: Certified Google Professional Machine Learning Engineer, CS50X: Introduction to Computer Science, CS50P: Introduction to Programming with Python

Awards: ASRJC Outstanding performance in the GCE 'A' Level Examinations 2022 (4 Distinctions), Edusave Certificate of Academic Achievement 2022 – for achieving good academic performance and demonstrating good conduct