Alan Ng

Personal Info

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📍 Choa Chu Kang North 5,
Singapore

Education

- **Current GPA - 3.80**
- **Diploma in Information Technology**
  Singapore Polytechnic
  Apr 2024 - Present
- **Polytechnic Foundation Programme (General Studies)**
  Singapore Polytechnic
  Apr 2023 - Mar 2024
- **EMB3 Score - 6**
- **N/O Level**
  Regent Secondary School
  Jan 2019 - Nov 2022

Skills

Adaptability

Problem-solving

Resillience

JavaScript

HTML5

CSS

Debugging

Summary

As a second-year student at Singapore Polytechnic, I'm pursuing a **Diploma in Information Technology (specializing in Software Development)** along with a **Certificate in Internet of Things**. I'm passionate about continuous learning and expanding my skillset, particularly in **tech and coding**. My curiosity drives me to explore new concepts and refine my abilities.

I pride myself on my **strong drive to learn**, consistently applying them in innovative ways. I approach every challenge, from academic projects to personal interests, with positivity, optimism, and with resilience.

Volunteering

Freshman Orientation Programme Student Leader, Singapore Polytechnic
April 2024 - April 2024

Guided and supported new students during a 4-day orientation program at Singapore Polytechnic, facilitating campus tours, leading bonding activities, and providing essential information to ensure a smooth and welcoming transition into the school community.

National Youth Council Leadership Camp, National Youth Council
June 2025 - June 2025

Participated in the NYC Leadership Camp, building skills in communication, teamwork, and decision-making, while strengthening leadership values for academic and personal growth.

Projects

Ascension - A Back-End Development Project
January 2024 - February 2024

- Developed a browser-based game for a Back-End Development module within 1.5 months.
- Integrated front-end and back-end technologies for a functional, engaging experience.
- Resolved bugs and quickly learned new concepts under deadlines.

3D Printing & CAD Design (Fusion 360)
December 2023 - December 2023

- Designed functional mechanical components with precise tolerances using Fusion 360
- Applied knowledge of material properties and 3D printing constraints
- Troubleshot design iterations to achieve smooth rotational movement
- Gained hands-on experience in product design and manufacturing processes

Project Effective Care
October 2023 - October 2024

- Conducted 2-week simulation-based workshops using roleplay to build empathy and teach assistance techniques
- Completed LTA's *Caring Commuter* course and earned official badge for teaching readiness
- Strengthened leadership, communication, and inclusive design skills through public outreach