Nicholas Wen

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Skills

Programming Languages:

🐍 Python, 🟨 JavaScript , 🟧 HTML / 🔵 CSS, 🔶 SASS, C♯ C Sharp, 🔷 Kotlin

Tools and Frameworks

SASS, Nodejs, React, Flask, Python, Bash, Git, Langchain

Languages: English (proficient), Chinese (proficient)

Work Experience

EUC Systems Intern	Fujitsu	Mar 2025 - June 2025

- Assisted end users with troubleshooting general software issues.
- Imaging, setting up and wiping data for **at least 80** Windows 11 laptops
- Tagged and accounted for over **120+** assets
- Wrote Python scripts to **automate repetitive tasks**

Projects

NYP-FYP CNC Chatbot	Final Year Project	Jun 2025 - Aug 2025

- Refactored codebase for better performance, reducing startup times from 30 seconds to **less than 10 seconds**
- Added **quality of life features** such as search, rate limits, benchmarks and audio preprocessing
- Added containerisation with Docker. Improves **reproducibility** and separation of concerns
- Improved data management and persistent storage, using **SQLite** instead of JSON

Prásinos	School Project	Apr 2024 - Aug 2024

- Implemented **account management, admin dashboard** for managing user accounts
- Implemented **email confirmation and reset password** using EmailJS
- Worked extensively on the **user interface**, especially the homepage and dynamic navigation bar
- Used of **MySQL database** and **Sequelize ORM** for data persistence.

Flexcyon	Personal Project	Sep 2024 - Present

- An Obsidian.md theme with terminal inspired aesthetics
- Over **2000+ downloads** within a year on the community store
- Highly customisable with **over 300 Style Settings options.**
- Documentation in both **English and Chinese**
- Actively developed and maintained with **30 incremental updates** within a year.

Education

Diploma in Information Technology	April 2023 - Present
Nanyang Polytechnic	Singapore
GCE 'O' Levels	**January 2019 - December 2022**
Holy Innocents' High School	Singapore

Certifications

Certificate of Participation for Beyond Borders with DDAS | Hong Kong Edition	
Digital Defence Alliance Singapore (DDAS)	2025
Google Data Analytics	
Coursera	2025
Google IT Automation with Python	
Coursera	2024
Google IT Support	
Coursera	2024

Awards and Honors

Edusave Award for Achievement, Good Leadership and Service (EAGLES)	
Ministry of Education (MOE)	2021