Nicholas Wen

Info

Portfolio: https://bladeacer.gitlab.io/portfolio
Languages: English (en-GB), Chinese (zh-CN)
Timezone: Asia/Singapore, UTC+8

GitHub: https://github.com/bladeacer
Gmail: wg.nick.exe@gmail.com
WhatsApp: (+65) 8502 9888

Skills

Web Development Python, HTML / CSS, Sass, Tailwind, Bootstrap, NodeJS, ReactJS, C#
Scripting: Python, PowerShell, Bash
Artificial Intelligence PyTorch, TensorFlow, Langchain
Containerisation: Docker, Docker Compose
Databases: MySQL, MS SQL, SQLite, ChromaDB
Caching and Version Control: Redis / KeyDB, Git

Work Experience

EUC Systems Intern   **Fujitsu**   **Mar 2025 - June 2025**

- Assisted end users with troubleshooting general software issues.
- Imaging, set up and wiping data for **80+** Windows 11 laptops
- Tagged and accounted for over **120** assets
- Wrote Python scripts to **automatically forward alert emails** for end user follow up.

Projects

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

- Refactored codebase for better performance, reducing startup times from 30 seconds to **under 10 seconds**.
- Added quality of life features such as search, **rate limits**, benchmarks and audio preprocessing
- Added **containerisation with Docker** to improve reproducibility and separate 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**
- Maintained with modular **SCSS** codebase and Stylelint best practices.

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