

Trong Nhan Nguyen

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Personal Profile

I strive to be professional in everything I do, always looking for ways to contribute and make a positive impact. I've earned several awards in mathematics and have been passionate about computers since I was young. Moving forward, I'm eager to delve deeper into software technology, explore my passion for optimization methods, and work on projects as a full-stack developer.

Education

VNUHCM - University of Science

Bachelor of Information Technology

GPA: 8.39/10.0

Ho Chi Minh City, VN

Sept 2022 - Current

Projects

Onet animal game

Solo Project

April 2023

- Developed a simplified Pikachu Puzzle Game using C++, featuring a 2D game board with character matching and various connection patterns (I, L, U, Z). Implemented functionality for game saving, player accounts, and advanced features like visual effects and leaderboards. Ensured board initialization meets even cell and character distribution requirements.

- **Github Link:** Onet-animal-game

Proxy server

Solo Project

August 2023

- Developed a Python-based proxy server with caching capabilities, supporting GET, POST, HEAD requests, and implementing basic response caching, domain whitelisting, and time-based access restrictions. Utilized multithreading for handling multiple client connections simultaneously. Configurable via config.ini for cache settings, whitelisting, and time restrictions, with a focus on educational purposes.

- **Github Link:** Proxy server

SVG Reader

Group Project - Leader

December 2023

- Developed an SVG-Reader project in C/C++ that involved organizing and rendering SVG components on the screen, utilizing design patterns to enhance code structure. Focused on applying OOP concepts such as attributes, methods, inheritance, and polymorphism. Contributed to SVG file handling, drawing, and documentation, demonstrating practical use of design patterns in a collaborative environment.

- **Github Link:** SVG Reader

Event website

Group Project - Full-stack developer

August 2024

- Developed a multi-page web application using the MERN stack, featuring functionalities like posting, liking, commenting, sharing, event creation, profile editing, an admin server for post moderation and banning inappropriate actions, and a search feature for posts and events.

- **Github Link:** Event website

Skills

- **Programming languages:** C/C++, Java, Python, HTML/CSS, Javascript, Typescript

- **Frameworks:** ReactJS, ExpressJS, Bootstrap, TailwindCSS, NextJS

- **Tools:** Git/Github, JIRA, Docker, Appwrite

- **Databases:** PostgreSQL, MySQL, MongoDB

- **Languages:** English (IELTS Academic 6.0 - March 2022)