MINH VY HA

Software Engineer

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EXPERIENCE

Software Engineer
Project Flux

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Project Flux is a Singapore-headquartered Artificial Intelligence and Big Data Startup.

- Design and deliver front-end web applications that enhance customer experience and promote sustainable web design.
- Create, test, and release automation scripts to solve environmental issues.

PROJECTS

Portfolio Website
Source Code
Live Demo
Video Demo

- Implemented in **HTML | CSS | JS.** This website taught me a lot about fundamentals of web development, and it demonstrates all other personal projects that I have completed.
- **6+** certificates | **6+** web projects | **6+** algorithm projects are demonstrated in this website.

AI Play Pong Game
Source Code
Video Demo

- This project using **NEAT** (NeuroEvolution of Augmenting Topologies) to build and train an **AI** to play a simple game (Pong). I implemented all the interface of the game, the algorithms to play the game and I trained and stored AI with various difficulty.

SonarQube
Live demo
Source code

- This is a clone page of an open-source platform, SonarQube. This clone is a part of the test task in my interview with 'Project Flux'.
- I used HTML | CSS to create this clone for SonarQube with **98%** similarity with the original page.

Pathfinding Visualization
Soure Code
Video Demo

- Using Python and library pygame to visualise the **A* pathfinding algorithm**, an algorithm to find the shortest path from one place to another.
- Programmed both the visualization and algorithm of the project.

Sorting Visualisation
Source Code
Video Demo

- Implement six different sorting algorithms that have different **time complexity** (n^2 and nlogn) such as merge, quick and heap sort
- This project is programmed using Python and pygame library

TRAINING / CERTIFICATION

CS50X | CS50P | CS50W
Harvard University

- Show Credential

WAI Hackathon: AI for Inclusion
Women in AI

- Show credential

SKILLS

Languages

Python   **Java**   **HTML | CSS**

C | C# | C++   **SQL**   **JavaScript**

Tools

Git|GitHub   **MERN**   **React**

Django | Flask   **MongoDB**   **NEAT**

TensorFlow

LANGUAGES

English   Proficient

Vietnamese   Native

STRENGTHS

💬 Oral and Written Communication

🙂 Team Work

🎯 Consistent and Responsible

📘 Lifelong Learning

REFERENCES

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FIND ME ONLINE

🌐 **Website**
https://minhvyha.tech

in **LinkedIn**
www.linkedin.com/in/MinhVyHa

▶ **YouTube**
https://www.youtube.com/channel/UC6kYs1bW0j273GneHxFyPFQ

🐙 **GitHub**
https://github.com/minhvy828