

MINH VY HA

Software Engineer

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EXPERIENCE

Software Engineer

Project Flux

07/2022

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 | **5+** 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

[Source 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 $n \log n$) 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

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

 **YouTube**
<https://www.youtube.com/channel/UC6kYs1bW0j273GneHxFyPFQ>

 **GitHub**
<https://github.com/minhvy828>