

Vo Huynh Thai Bao

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Now I'm a junior Information Technology student in Software Engineering so I want to apply an internship at a company where I can develop both my programming skills and develop myself. I am capable of using some programming tools and AI technologies. My goal is to create software that can become well-known in Vietnam.

Education

2022 -Present **University of Management and Technology HCMC (UMT)**
Information Technology, Major in Software Engineering

Projects

Academic

- 2024 - 2025
- Hotel Booking Website**
Description: This project developed a hotel booking web application by using React for frontend and RESTful APIs with Node.js with PostgreSQL for backend data management.
Technologies: React, Node.js, Restify, PostgreSQL, RESTful API, Git
- Jan- 2025
- Gemstone Image Classification**
Description: This developed model that can classify images of gemstones based on their type or name. When images are input, the model will scans the internal structure of the gemstones and identifies their name and color of gemstones.
Technologies: TensorFlow/Keras, Matplotlib, Scikit-learn, NumPy, ImageDataGenerator
- May - 2025
- Web Generate Music**
Description: This project uses MusicGen to transform text to music and deploy it on web by using Flask and react. If i enter a prompts like: A soulful jazz track with a modern twist. it will generate music same the prompts.
Technologies: Python, Flask, Transformers, PyTorch, PIL, dotenv, JavaScript, React

April - 2025

Renzoku Puzzle Game

Description: I found the renzoku puzzle game in this website puzzle-futoshiki.com, and i try to played this and i think that game so interesing so i recreate this game by myself.

Game Rules:

- Numbers range from 1 to the grid size (e.g., 1 to 5 for a 5×5 puzzle)
- Each row and column must contain exactly one instance of each number
- A dot between cells indicates consecutive numbers; no dot means non-consecutive
- For larger puzzles, letters (A,B,C etc.) follow after the number 9

Technologies: DFS, A*, BFS, Google Colab

Skills & Background Knowledge

Programming	C++, Python, Java
Software & Tools	Windows, LaTeX, Office
Languages	Vietnamese: Native, English: Intermediate (Working proficiency)
Frameworks	React, Django, Flask, C#
Machine Learning	Keras, TensorFlow, PyTorch

Interests

🎵 Listening to Music 🏸 Playing Badminton 🎮 Playing Games