Trương Văn Thông

Python Development

Motivated Data Science undergraduate with solid knowledge of Python, machine learning, and data-driven applications. Experienced in building chatbots, data pipelines, and optimizing databases. Passionate about solving real-world business problems with data and modern AI technologies.

PROFILE

- ✉ truongvantthong@gmail.com
- 📞 0354257974
- 🌐 https://portfolio.iuh-data-science.id.vn/
- 📍 Go Vap, Ho Chi Minh City

EDUCATION

Industrial University of Ho Chi Minh City
DATA SCIENCE
2020 - 2025
GPA: 3.30/4.00

WORK EXPERIENCE

Jul 2024 - Dec 2024
VI NA YOUNG SPACE JSC

Python Development
- Developed data processing pipelines and management tools with Python.
- Optimized database queries, improving performance and reliability.
- Wrote technical documentation and supported automation projects, including ChatAI systems.

Aug 2024 - May 2025
MindX Technology School

Teacher Robotic & Scratch
- Taught block-based robotics and game programming to students using VEXcode GO and Scratch.

PROJECTS

Jul 2024 - Dec 2024
ChatBot IUH KHDL

Team Leader & Fullstack Developer
- Developed a chatbot to provide key information about the Data Science program at IUH.
- Tech stack: Python, RAG, LangChain, Hugging Face Transformers, Google Gemini API, FastAPI.
- Achievements: Successfully delivered a chatbot addressing questions on tuition, scholarships, and career opportunities.
- GitHub: *https://github.com/truongvanthong/ChatBot_IUH_KHDL*

Mar 2024 - Jun 2024
Django Smart Shopping

Team Leader & Fullstack Developer
- Designed and developed a smart shopping web application using Django and PostgreSQL to help users optimize grocery spending.

- Implemented features: product price comparison, personalized shopping lists, voucher/recommendation engine, receipt image recognition (OCR with Tesseract).
- Led a team of three, managed tasks using Git and Trello, ensured timely sprint delivery.
- Achievements: Enabled users to save up to 15% on monthly expenses based on automated recommendations and real-time promotions.
- GitHub: *https://github.com/truongvanthong/Django_Smart_Shopping*

SKILLS

Programming
- Python, SQL, FastAPI, LangChain, Hugging Face Transformers,...

Data
- Data Analysis, Machine Learning, Data Processing Pipelines.

Soft skills
- Teamwork, Communication, Problem-solving

ADDITIONAL INFORMATION

- Facebook: *https://www.facebook.com/vanthong2307*
- Github: *https://github.com/truongvanthong*
- Linkedin: *https://www.linkedin.com/in/truong-van-thong-b42021273/*

HONORS & AWARDS

2024

Accepted research paper titled "STUDENT LEARNING SUPPORT SYSTEM USING RETRIEVAL-AUGMENTED GENERATION COMBINED WITH LARGE LANGUAGE MODEL" at the 17th National Conference on Fundamental and Applied IT Research (FAIR2024), Hanoi, Vietnam, August 2024.

ACTIVITIES

2023 - 2025

AI Club IUH
Mentor

- Organized knowledge-sharing activities focused on data science.
- Collaborated with mentors to coordinate programs teaching basic Python, machine learning, and computational statistics.