Truong Tien Anh

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Education

University of Science - VNUHCM Oct. 2022– Present
Bachelor of Science in Data Science and Computer Science *Current GPA: 3.7/4.0*

Career objective

As a final-year Computer Science student, I have a strong interest in data science, machine learning, and big data. I am eager to find an internship or entry-level position as a AI Engineer, where I can apply what I have learned to real-world challenges and continue developing my practical skills in a professional environment.

Skills

Programming Languages: Python, SQL, JavaScript, C/C++
Data Science & ML: LangChain, TensorFlow, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
Data Engineering: Apache Hadoop, Spark, Airflow, Kafka, PostgreSQL
Cloud & DevOps: AWS (S3, Glue, Redshift, Athena), Docker, Git/GitHub, MongoDB Atlas

Certification & Blog

TOEIC: 810/990
My Portfolio: portfolio.com/trgtanhh

Experience

Nexlab Technology – AI Engineer Intern April 2025 – July 2025

- Built an internal application to manage employees' CVs using LLMs for parsing and recommendation.
- Worked on AI chatbot for A3 Solution to automate customer interaction.
- Handled prompt engineering and API integration for better output relevance.

PROJECTS

CV Analysis using LangChain 5/2025 – 6/2025

- **Key Technologies**: FastAPI, LangChain, OpenAI API, Streamlit, PostgreSQL, FAISS
- **Description:**
  - Built a system to extract and embed structured data from CVs using LLMs.
  - Stored data in PostgreSQL and FAISS for semantic search.
  - Developed search APIs to match candidates by job titles and skills.
  - Deployed backend (FastAPI) and frontend (Streamlit) to the cloud.
- **GitHub:** https://github.com/trgtanhh04/CV-Analysis-using-Langchain.git

TopDev LLM Recommendation 5/2025 – 7/2025

- **Team size**: 2
- **Key Technologies**: FastAPI, VueJS, Mistral API, MongoDB, FAISS
- **Description:**
  - Developed a web application to compare user CVs with job descriptions (JDs) using LLM-based analysis.
  - Crawled job data from the TopDev.vn website and stored it in MongoDB for processing and display.
  - Extracted CV content from PDF files, generated vector embeddings, and performed semantic search via FAISS.
  - Used Mistral API to evaluate skill matching, missing skills, and recommend relevant learning paths.
  - Deployed backend (FastAPI) and frontend (VueJS) to Render and Railway for public access.
- **GitHub:** https://github.com/trgtanhh04/TopDev-LLM-Recommendation.git
- **Demo:** topdev-llm-recommendation-frontend.onrender.com