Truong Tien Anh

AI Engineer

+(84) 373 097 346 | ✉ truongtienanh16@gmail.com | 🔗 LinkedIn | ⬛ GitHub | 🌐 My Website

EDUCATION

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

Language Skills   **TOEIC**: 810/990, **VSTEP**: B2
(Conversational, able to work in English-speaking environment)

CAREER OBJECTIVE

Final-year Computer Science student at VNUHCM - University of Science with strong interest in Artificial Intelligence, especially Machine Learning, LLMs, and data-driven systems. Seeking role as an **Fresher AI Engineer** to apply my skills and grow expertise in building intelligent applications.

SKILLS

Languages: Python, SQL, JavaScript, C/C++
Databases: SQL Server, PostgreSQL, MongoDB, Qdrant
Full-Stack Development: Express.js, Node.js, Next.js, HTML, CSS, Pug, FastAPI
Machine Learning: RAG, Chatbot, LLM, LangChain, TensorFlow, Scikit-learn
Big Data: Apache Hadoop, Spark, Airflow, Kafka, Docker
Cloud: GCP, AWS (S3, Glue, Redshift, Athena), Git/GitHub, MongoDB Atlas

EXPERIENCE

Nexlab Technology – AI Engineer Intern   July 2025 – Oct 2025
- **1. Scan CV Project:** Developed an AI-driven system to scan, extract, and enhance CV data for streamlined recruitment. Integrated advanced retrieval techniques (RAG, Text2Sql, etc.) for efficient candidate matching.
- **2. Sales Agent Development:** Contributed to building a chatbot for querying retail data on GCS, enabling real-time insights and improving decision-making in retail management. Integrated MacSQL, a multi-agent system, for optimized SQL query generation and execution across distributed databases, enhancing data retrieval efficiency.

PROJECTS

Scan-CV Project | ⬛ GitHub Link   2025
- **Team size**: 2
- **Key Technologies**: GCP, PostgreSQL, Qdrant, LangChain, DeepSeek, OpenAI API, text2SQL, Docker
- **Description:**
  * Deployed an AI-powered CV scanning system on GCP for secure and scalable multi-user access.
  * Stored structured data in PostgreSQL and embeddings in Qdrant for semantic vector search.
  * Implemented text2SQL to handle natural language queries with schema-aware SQL generation.
  * Built a RAG pipeline (LangChain + OpenAI/DeepSeek) to support semantic retrieval and chatbot-style Q&A.
  * Developed an interactive HR-facing UI with Streamlit for querying CVs and extracting insights.

TopDev LLM Recommendation | ⬛ GitHub Link   5/2025 – 7/2025
- **Team size**: 2
- **Key Technologies**: FastAPI, VueJS, Mistral API, MongoDB, FAISS
- **Description:**
  * Built a web app to compare CVs with job descriptions using LLM-based analysis and semantic search.
  * Crawled TopDev.vn job data into MongoDB; extracted CV text, generated embeddings, and indexed with FAISS.
  * Used Mistral API to evaluate skill matches, surface gaps, and suggest learning paths.
  * Deployed FastAPI backend and VueJS frontend to Render/Railway for public access.

CV Analysis using LangChain | ⦿ GitHub Link   5/2025 – 6/2025

- **Team size**: Solo project
- **Key Technologies**: FastAPI, LangChain, OpenAI API, Streamlit, PostgreSQL, FAISS
- **Description:**
  * Extracted structured entities from CVs with LLMs; generated vector embeddings for retrieval.
  * Stored normalized data in PostgreSQL and vectors in FAISS to enable hybrid search.
  * Built search APIs to match candidates by titles, skills, and experience signals.
  * Deployed FastAPI (backend) and Streamlit (frontend) to the cloud for interactive use.

ACHIEVEMENTS & AWARDS

Awarded scholarship from NinetyEight.	*May 2025*
HCMC AIChallenge 2024	*Oct 2024*
Ranked Top 30 in the **AI Challenge 2024** organized by UIT.	*July 2024*
Awarded scholarship from Dong Hanh.	*Oct 2023*
Excellent Student Scholarship (HCMUS), for the academic year 2022–2023.	*Mar 2023*
Awarded scholarship from VGSP, PwC, Vu A Dinh, ..etc.	*Apr 2024*

CERTIFICATIONS

VSTEP - B2 - Vang Lang University	*Aug 2025*
TOEIC - 810/990 - ETS Global	*July 2025*
Unsupervised Learning, Recommenders, Reinforcement Learning - Coursera, Deeplearning.ai	*Mar 2025*
Python for Data Science and Machine Learning Bootcamp - Udemy	*Mar 2025*
Supervised Machine Learning: Regression and Classification - Coursera, Deeplearning.ai	*Mar 2025*
The Data Science Course Bootcamp - Udemy	*Nov 2024*
SQL Advanced - Udemy	*Sep 2024*
Python for developer - Udemy	*Sep 2024*