HO QUOC TUAN

AI Intern

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Ho Chi Minh City, VietNam

OBJECTIVE

I am a mathematics student with a strong passion for technology and a curiosity for solving real-world challenges. With a solid foundation in analytical thinking and growing experience in AI and programming, I strive to create intelligent solutions that make a meaningful impact. I am especially interested in applying data-driven approaches to drive innovation across diverse fields.

EXPERIENCE

• Teky Holdings [⊕]   *2023 – 2025*
STEAM Teaching Collaborator   Ho Chi Minh City, Vietnam

◦ Delivered interactive STEAM lessons (Science, Technology, Engineering, Arts, and Math) to students aged 6–15 using project-based learning methodologies.

◦ Designed and facilitated hands-on workshops in programming, robotics, and creative technology, improving student engagement and understanding of tech fundamentals.

◦ Collaborated with educational teams to develop age-appropriate curricula integrating coding, critical thinking, and teamwork skills.

◦ Mentored students in coding challenges and innovation contests, fostering creativity and problem-solving capabilities.

EDUCATION

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University of Science -Vietnam National University Ho Chi Minh   *9/2021 - 9/2025*
Data Science - GPA: 3.67/4.00   Ho Chi Minh City, Vietnam

PROJECTS

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Chatbot with List Job in Linkedin (Public) - MNT team (University Team)   *2/2025 - 3/2025*
Tools:Streamlit MongoDB AWS MySQL (Aiven) LangChain langGraph FAISS Chroma Hugging Face Selenium BS4   [⊙]

· Built a RAG system using job listings from LinkedIn to help users find relevant job opportunities based on prompts

· Scraped job data from LinkedIn and loaded it into a vector database for efficient similarity search

· Integrated AI models using LangChain, langGraph, FAISS, and Chroma to enhance job search accuracy

· Implemented frontend and backend using Streamlit for interactive user interface and seamless experience

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Optimizing Marketing Strategies Through Integrated Data Pipeline   *9/2024 - 1/2025*
Tools: Kafka, Airflow, Snowflake, dbt, GitHub Actions, CML, Power BI   [⊙]

· Real-time campaign data ingestion and processing using Kafka

· Orchestrating data workflows efficiently with Airflow

· Storing raw and processed data in a data lake for further use

· Comprehensive data transformations and modeling with Snowflake and dbt

· Generating actionable insights with interactive Power BI dashboards

SKILLS

∗ **Languages:** Vietnamese, English
∗ **Programming Languages:** Python, R, SQL, Bash
∗ **Machine Learning & Deep Learning:** PyTorch, Scikit-learn
∗ **Big Data & Data Engineering:** Apache Spark, Kafka
∗ **Data Management & Storage:** PostgreSQL, MySQL, MongoDB, Redis, AWS S3
∗ **Cloud Technologies:** AWS, Google Cloud
∗ **Data Analytics & Visualization:** Pandas, NumPy, Power BI

Awards

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University of Science, Outstanding student   *2023 - 2024*
University of Science
· Recognized as an outstanding student for academic excellence
· Acknowledged for leadership and contributions to the university community
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Panasonic, Scholarship Asia program for undergraduate students   *2024 - 2025*
Panasonic
· Awarded for excellence in academic performance and potential for future impact
· Supported as part of the Asia program for undergraduate students
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Lawrence S. Ting, Scholarship for excellence in academics and community service   *2023 - 2025*
Lawrence S. Ting Foundation
· Recognized for excellence in both academics and contributions to community service
· Awarded to support further academic and professional development
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Dong Hanh, Scholarship for academics and social impact   *2022 - 2024*
Dong Hanh Foundation
· Awarded for significant achievements in academics and positive social impact
· Focused on both academic excellence and social responsibility