

Tran Ky

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Education

Industrial University of Ho Chi Minh City
Major: Data Science

Aug 2021 — Present
GPA: 3.2/4.0

Experience

Data Engineer - Bluebolt Software

2023-2024

- Manage and optimize PostgreSQL database tables to ensure efficient data handling and support the functionality of large language models (LLMs) and Text-to-SQL models. This includes designing database schemas, indexing for performance, and ensuring seamless integration with machine learning pipelines.
- Implement a daily ETL (Extract, Transform, Load) pipeline for continuous data collection and processing, feeding predictive models with fresh, accurate data. This process involves automating data extraction from various sources, transforming it into a suitable format, and loading it into the model's data pipeline to enhance forecasting accuracy.
- Build and maintain real-time APIs for the website, enabling dynamic interaction between the user interface and backend systems. These APIs will be crucial for delivering live updates, supporting high-traffic loads, and providing an efficient, user-friendly experience on the platform.

Awards & Honors

Top 6 UIT Challenge 2023 Competitions (Encouragement Prize)

Group B - UIT Data Science Challenge 2023

2023

Received a scholarship at IUH

Industrial University of Ho Chi Minh City

2022-2024

Participated in the 2022 ICPC Vietnam National Programming Contest

International Collegiate Programming Contest

2022

Mentor, IUH Programming Lab & AI Club

Basic C Programming & Python, Basic Machine Learning, Crawl Data

2022 & 2023

The second prize in Eureka 2023 IUH

Industrial University of Ho Chi Minh City

2022-2023

Specialized Skills

- Machine Learning, Deep Learning: Scikit-learn, TensorFlow, PyTorch, Hugging Face.
- Web Development, Data Crawling: Django, BeautifulSoup, Selenium, Scrapy.
- Development Tools: Git, Docker.
- Tool: Apache Airflow, Redis, Apache Kafka, Apache Hadoop.
- Logical thinking, statistical analysis, optimization, and probability knowledge.