

Luong Chi Trung

– AI Engineer –

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EDUCATION

Ton Duc Thang University

Bachelor in Computer Science (GPA: 8.5/10)

Ho Chi Minh, Vietnam

Sep 2022 – May 2026

IELTS: 6.0

EXPERIENCE

AI Engineer

VTC Telecom

Nov 2025 – May 2026

Vuon Lai Ward, Ho Chi Minh City

- Deployed an internal enterprise knowledge repository to support AI integration into inventory management, document review, and operational auditing workflows.
- Developed a customer support chatbot to assist the service team in handling customer requests and accelerating response decision-making for nearly 200 aircraft under the Vietnam Airlines IFC project.
- Orchestrated an AI Agent-based workflow for the R&D department, enabling automated research, planning, testing, and report generation.

AI Researcher

AIAI Research Laboratory

Mar 2024 – Apr 2026

Tan Phong Ward, Ho Chi Minh City

- Published two Scopus-indexed International Conference papers in the field of Time Series Forecasting.
- Investigated emerging applications of graph learning methods for Traffic Forecasting.
- Benchmarked baseline models and constructed new datasets for Traffic Forecasting and Sequential Recommendation.

PROJECTS

Mera - 🌀 | *Python, LangChain, LangGraph, Docker, Qdrant, PostgreSQL*

Jan 2026 – May 2026

- Description: Architected an enterprise-grade internal knowledge management system to centralize organizational documents and enable retrieval-augmented search, accelerating information access and task execution.
- Responsibilities:
 - * Engineered an Agentic RAG-based system with enhanced short-term and long-term memory management modules, improving retrieval performance and reducing average search latency **from 5 seconds to under 3 seconds**.
 - * Integrated **PaddleOCR-VL-0.9B** to digitize handwritten documents and photographed contracts, enriching the enterprise knowledge base with structured and searchable information.

Mergers and Acquisitions Event Detection | *Python, LoRA, vLLM, Unsloth*

July 2025 – August 2025

- Description: Designed a pipeline to identify and extract merger and acquisition events across diverse textual sources such as books, newspapers, and financial reports.
- Responsibilities:
 - * Established formal definitions and annotation guidelines for M-A events to support model training and evaluation.
 - * Integrated **Llama 3.1-8B** and **Qwen3-8B** into the pipeline architecture, enabling high-performance recognition of M-A events across heterogeneous textual sources.

RESEARCH AND PUBLICATIONS

Trung, L.-C., Kiet, C.-T., An, N.-H., & Quang, D.-C. (2026). *An Overview of the Effectiveness of Graph Learning Methods for Traffic Demand Forecasting*. In T. T. Quan, C. Sombattheera, H. A. Pham, & N. T. Tran (Eds.), *Multi-disciplinary Trends in Artificial Intelligence: MIWAI 2025*. Lecture Notes in Computer Science, Vol. 16353, pp. 130–141. Springer, Singapore. DOI: 10.1007/978-981-95-4957-311

Ha-Trong Nguyen, Nguyen-Thai Khoi, **Luong-Chi Trung**, Han Le, Chung-Thai Kiet, Nguyen-Huu An, & Dung-Cam Quang (2026). *Revisiting Long-Term Time Series Forecasting: An Empirical Perspective on Recent Approaches*. In N. T. Nguyen et al. (Eds.), *Computational Intelligence in Engineering Science: ICCIES 2026*. Communications in Computer and Information Science, Vol. 2943, pp. 621–632. Springer, Cham. DOI: 10.1007/978-3-032-21625-043

TECHNICAL SKILLS

Programming Languages: Python, Java, C

Databases: MySQL, PostgreSQL, Qdrant

AI/ML Frameworks: PyTorch, TensorFlow, LangChain, LangGraph, Unsloth

DevOps: Git, GitHub Actions, Flask, FastAPI Docker, AWS, GCP

AI Tools: Claude, Ollama, n8n