LE PHAM HOANG PHUONG

AI ENGINEER

📞 (+84) 393 491 710 ✉ phuongleph.work@gmail.com 📍 Ho Chi Minh City, Viet Nam

🔗 phuongleph.app 🔗 github.com/phuongleph 🔗 linkedin.com/in/phuongleph

SUMMARY

Final-year Computer Science student specializing in software development and data-driven problem-solving. Skilled in data modeling, Machine Learning & Deep Learning, and Data Science techniques, aiming to grow as an AI Engineer.

WORK EXPERIENCES

AI Educator - PIAI Technology & Education, HCMC   **November, 2025 – Present**

- Taught **120+ students (ages 11–15)** fundamental AI concepts and everyday applications.
- Conducted **8 interactive sessions** exploring AI tools and chatbots
- Designed **5 age-appropriate lesson plans**, fostering curiosity in STEM and digital literacy.
- Achieved **90% positive feedback** from students and teachers for engaging and effective delivery.

Business Development Executive - Shinhan Finance, HCMC   **April, 2024 – June, 2025**

- Managed customer data, loan processing, and documentation with full compliance.
- Analyzed credit data, achieving **28% loan approval rate** and **10% faster approvals** for low-risk cases.
- Served as main client contact, driving **35% re-loan rate** through effective communication.
- Collaborated with sales & risk teams to improve workflow efficiency and customer experience.
- Collaborated on internal projects to optimize product marketing and service workflows.

SKILLS

- Language: Python, SQL, JavaScript, Java, C/C#.
- Deep Learning & ML: PyTorch, TensorFlow, Scikit-learn, Pandas, NumPy.
- Specialization: NLP (Transformers/FinBERT, LSTM), Reinforcement Learning (DQN), Time-series Forecasting.
- MLOps & Tools: ETL Pipelines, Git, Docker, FastAPI, Streamlit, Postman, MongoDB.
- Concepts: OOP, Data Structures, Model Optimization, RAG (Retrieval-Augmented Generation).

PROJECTS

Multimodal Financial Trend Prediction with ROI Analysis 🔗   **September, 2025 – Present**

- Engineered a multimodal prediction system fusing OHLCV time-series and FinBERT news sentiment to capture market trends.
- Designed a DQN-based RL agent to optimize Buy/Sell/Hold decisions in a custom trading environment.
- Validated strategy via rigorous backtesting, achieving superior ROI and Sharpe Ratio compared to traditional baselines.

Tools: Python, PyTorch, Hugging Face (Transformers), Scikit-learn, Pandas, NumPy, DQN Agents, Matplotlib.

EDUCATION

Bachelor of Computer Science, Ton Duc Thang University   **October, 2021 - April, 2026**

CERTIFICATION

Cambridge English: Preliminary B2   **January, 2023**

Google Analytics   **2022**