

Contact

www.linkedin.com/in/nguyen-quoc-phong-5a74901b6 (LinkedIn)

Top Skills

Agentic AI
Dialog Management
Role-Based Access Control (RBAC)

Languages

English (Limited Working)
Japanese (Full Professional)
Vietnamese (Native or Bilingual)

Certifications

Pattern Discovery in Data Mining
Discrete Optimization
Applied Social Network Analysis in Python
Problem Solving (Advanced)
Kaggle Competition Master

Honors-Awards

Google Smartphone Decimeter Challenge
NFL Health & Safety - Helmet Assignment
Open Problems - Multimodal Single-Cell Integration
Santa 2024 - The Perplexity Permutation Puzzle

Nguyen Quoc Phong

AI/ML Engineer / Kaggle Competition Master
Hanoi, Hanoi, Vietnam

Summary

- + Kaggle Competition Master (<https://www.kaggle.com/nocturnebflat123>)
- + Combined statistical knowledge, optimization skill to solve various problem in data analysis
- + Interested in NLP domain, Tabular data

Experience

Verysell Group Applied AI Lab

AI Engineer Lead

January 2024 - Present (1 year 3 months)

Lead the AI team to build & deploy LLM based chatbot system

- Customer Support chatbot for VeryPay Mobile Payment Solutions
- DataChat Platform

Toshiba Software Development Vietnam

AI Engineer

November 2021 - November 2023 (2 years 1 month)

Hanoi, Hanoi, Vietnam

- Project Leader/ Technical Leader
- Build & Deploy Recommendation system based on Recruitment data
- + Language: Japanese text
- + Natural Language Processing (BERT, Sentence Transformer...)
- + Information Retrieval, Semantic Search, Pseudo labelling, Text Data Augmentation technics
- Transportation Sensor Data Analysis, Visualization...

FPT Software

Machine Learning Engineer

March 2020 - November 2021 (1 year 9 months)

Ha Noi

- Data Analysis, EDA, Optimization
- + Feature engineering
- + Tuning model parameters

- + Analyze model performance
- + Write reports and present to customer
- + Training for fresher

FPT Japan Holdings

Data Analysis, Machine Learning Engineer

August 2018 - March 2020 (1 year 8 months)

Tokyo, Japan

Data analysis from various domain:

- Warehouse data

- + Preprocess warehouse picking history data, optimize location of items using Local Search, Simulated Annealing algorithms...
- + Build item's volume prediction model (tree-base model , ARIMA, SARIMAX model...)

- Pharmacy data

- + Find insights in prescription data of patients
- + Classify drugs into groups base on seasonal property or statistical features of time series data
- + Build prediction model based on each type of classified group
- + Inventory Optimization

- GPS data from public transport

- + Find insights in moving pattern of taxi in each area by GPS data visualization
- + Implement method to detect imbalance between supply-demand of each area by statistical method

Education

Kyushu Institute of Information Sciences

bachelor, Network · (2014 - 2018)