



# Quang Vu Minh

Data Scientist

[in Vũ Minh Quang](#) [Vu Minh Quang](#)

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## Summary

I am excited about topics related to robustness, interpretability, and efficiency in LLMs and modern AI systems. I am familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Currently, I am applying business analysis techniques with statistics and analytics to solve business problems.

## Experience

### FPT Telecom

August 2022 - Current - 1 yr 9 mos

Data Scientist

Ho Chi Minh, Vietnam

- Leverage the process of modeling with cloud solution such as Azure Machine Learning. Reduce the workflow of the team up to 85%, without any reduction in manual performance in business models.
- Developed custom package to preprocess customer profile data. Achieve up to 1 thousand downloads at each version update, and support the usage of 90% peers within the company. Being the main part of the big data daily workflow, process automatically up to 400 thousands customer profile daily almost at instance.
- Innovate ideas to re-build the pipelines of dataflow from raw, preprocessing, ... and finally to production. Reduce the original runtime up to 80% compared to the old version, which helps the daily data to be ready before working hours.
- Build NLP techniques and LLMs to support machine translation on customer's name for filling missing accents. Included in main pipeline of preprocessing more than 80 millions customer data with the accuracy of ~85%.

## Education

### Bach Khoa University

August 2018 - February 2023

Computer Science

Undergraduate

7.8 GPA

- Thesis Statement: Development of the Deep Learning Models for Depression Diagnoses.
- Excelled in mathematics, networkings, data structures and algorithms, machine learning and programming principle coursework.
- Applied data structure and algorithms to solve problems of data storage. Improve the speed in processing and retrieving text data.

## Projects

### Preprocessing Customer Profile

November 17, 2022 - September 25, 2023

Python package to preprocess basics information of customer profile

<https://pypi.org/project/preprocessing-pgp/>

- Suit of open source Python modules, preprocessing techniques* supporting research and development in Machine Learning.
- Preprocessing Vietnamese customer name with LLMs, extract customer type for business purpose and predict customers' gender based on their names.
- Preprocess and verify phone, email and card number for Vietnamese customers.
- Preprocess, extract and beautify Vietnamese address into four levels (including city, district, ward and home address).

## Skills

### Machine Learning

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### Math & Statistics

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### Python

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### Problem Solving

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### Analytics

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### Big Data

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## Certifications

### Natural Language Processing Specialization

March 2024

DeepLearning.ai

<https://coursera.org/share/5e7cc98001522c84cb5080cbbc4b4ccc>

- Design applications that perform question-answering and sentiment analysis, create tools to translate languages, summarize text, and build chatbots

## Awards

### Odon Vallet Scholarship

September 2018

Odon Vallet

- Scholarship for achieving great academic study
- Graded based on the price taken in National Olympiad

### Silver Medal in National Mathematics Competition

March 2018

VMO, Vietnam

- Achieve Silver medal in Vietnamese national mathematic competition with 25/40
- Competition for applied mathematics in many field consisting of modern and abstract algebra, geometry of plane, combinatoric and numerical theory

## Languages

### Vietnamese

Mother tongue

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### English

Fluent - 7.0 IELTS

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