

Viet Quoc Nguyen

LinkedIn: <https://www.linkedin.com/in/quocviethere/>

Github: <https://github.com/quocviethere>

Email : quocviethere@gmail.com

Mobile : 0348714017

Website: quocviethere.github.io

EDUCATION

- **University of Economics Ho Chi Minh City (UEH)** Ho Chi Minh City, Vietnam
Bachelor of Data Science; Cumulative GPA: 3.67/4.0 Sep 2021 - March 2025 (expected)
Relavant courses: Data Structures and Algorithms, Mathematical Statistics, Artificial Intelligence, Natural Language Processing, Data Analysis Programming, Machine Learning (4.0/4.0 in all of the above)

HONORS AND AWARDS

- **UEH Young Researcher 2023 Award** Feb, 2023
For students with top 15% best research projects.
- **UEH Admission Scholarship** Sep, 2021
For students achieving the highest score in the national university entrance exam.

ACADEMIC PROJECTS

- **Shopee Review Sentiment Analysis ([GitHub repository](#))**: Do sentiment analysis for reviews about Shopee using models including Naive Bayes, Maximum Entropy, XGBoost and RoBERTa, achieving 96% accuracy. Deploy the RoBERTa model on HuggingFace and publish a [website](#) for users.
- **Customer Intent Mining from Service Inquiries with Improved Deep Embedded Clustering**: Developed an unsupervised intent discovery system for banking corpus using Deep Embedded Clustering with Jensen-Shannon divergence and Sophia optimization, achieving SOTA NMI Score.
- **On Stock Price Prediction: A Deep Learning Approach using Bidirectional Long-Short Term Memory (BiLSTM)([GitHub repository](#))**: Predict Apple's stock prices from a five years' time dataset using BiLSTM model, achieving 97% accuracy. Published as a Conference paper in ICICCT2023.

SKILLS SUMMARY

- **Languages**: Python, SQL, C#, L^AT_EX
- **Libraries**: NumPy, Pandas, Seaborn, Plotly, TensorFlow, PyTorch, ...
- **English**: IELTS Academic 8.0

CERTIFICATIONS

- **Machine Learning Specialization ([GitHub repository](#))** Coursera, Feb, 2022
The GitHub repository achieves more than 150 stars and 100 forks.
- **Deep Learning Specialization** Coursera, Sep, 2021

PUBLICATIONS

- **Nguyen Q. Viet**, Nguyen N. Quang, Nguyen King, Dinh T. Huu, Nguyen D. Toan, and Dang N.H. Thanh. An Exploratory Comparison of LSTM and BiLSTM in Stock Price Prediction. In *7th International Conference on Inventive Communication and Computational Technologies (ICICCT - 2023)*. [[Link](#)] [[Code](#)]
- Nguyen Q.K. Ha , Nguyen T.T. Huyen , Mai T.M. Uyen , **Nguyen Q. Viet**, Nguyen N. Quang, Dang N.H. Thanh. Customer Intent Mining from Service Inquiries with Improved Deep Embedded Clustering. *Under review at Journal of Uncertain Systems*.