Viet Quoc Nguyen

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SUMMARY

Highly motivated and analytical data science intern with a strong background and a passion for scientific research as well as learning about state-of-the-art models. Experience with machine learning techniques and libraries. Strong communication skills and ability to explain complex technical concepts to non-technical.

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 - December 2024 (expected)*
  Relevant courses: Data Structures and Algorithms, Mathematics for Information Technology, Mathematical Statistics, Artificial Intelligence (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 papers

- **UEH Admission Scholarship** *Sep, 2021*
  For students achieving the highest score in the national university entrance exam

ACADEMIC PROJECTS

- **On Stock Price Prediction: A Deep Learning Approach using Bidirectional Long-Short Term Memory (BiLSTM)**: Predict Apple's stock prices from a five years' time dataset using BiLSTM model, achieving 97% accuracy.
- **Optimal Transport using Dijkstra Algorithm: A Case Study in Southern Vietnam (GitHub repository)**: Implemented Dijsktra's algorithm on optimal transport problem with application in several provinces of southern Vietnam region. Designed Winform interface using C#.
- **AI Paper Summary (GitHub repository)**: Summarize AI papers and re-implement the results while being a member of AI VIETNAM research team. Topics include: Generative Adversarial Nets, Transformer, Hyperparameter Optimization

SKILLS SUMMARY

- **Languages**: Python, SQL, C#, LaTeX
- **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).*