TRAN NGOC QUANG

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Education

FPT University — Ho Chi Minh, Vietnam
B.Sc. in Artificial Intelligence, ***Cumulative GPA: 3.52*** — *Sep 2022 – Jun 2026 (Expected)*
Courses: *Calculus, Mathematics For Machine Learning, Probability and Statistics, Discrete Mathematics, Data Structures, Analysis Of Algorithms, Machine Learning, Deep Learning, Data Science, Networking, Database.*

Luong The Vinh Specialized High School — Dong Nai, Vietnam
High School Diploma, Math Major — *Aug 2019 – May 2022*
Courses: *Competition Programming, Combinatorics, Number Theory, Algebra, Probability and Statistics, Data structures and Algorithms.*

Skills

Programming: C++, Python, Octave, R, SQL, JavaScript, Kotlin.

Technologies: Git, Arduino, ROS.

Languages: Vietnamese (Native), English (Intermediate).

Soft Skills: Communication, Problem Solving.

Work Experience

CODELEARN.IO — Vietnam
Problem setting: — *2021 – 2023*

- **Setting problems** for programmers to practice to solve data structure and algorithms programming problems.

IT Supporter — On-site work(Part-time)
Technical support: — *June 2023 – Present*

- Technical Support: Fix basic errors on exam software
- Report Server Errors: Receive and report errors on CRM to the servers at University

Projects

Practice NLP with Transformer

- Practicing Natural Language Processing (NLP) using Transformer models, based on the book "Natural Language Processing with Transformers".
- Includes notebooks such as "Hello Transformers", "Text Classification", "Transformer Anatomy", and "Multilingual Named Entity Recognition".

Neural Style Transfer

- Implemented an artistic style transfer technique using PyTorch and the VGG19 model.
- This project generates new images by combining the content of one image with the style of another.
- Provides detailed instructions on setting up and running the model, including input and output examples.

BBC Headlines Classifier using RNNs

- Developed a Recurrent Neural Network (RNN) model for multi-label classification on BBC headline data.
- Utilized libraries such as TensorFlow and NLTK for preprocessing, model building, training, and evaluation.
- Demonstrates the application of RNNs in Natural Language Processing for text classification.

Relevant Coursework

Major coursework: Calculus, Matrix Theory, Differential Equations, Numerical Methods, Probability Theory, Quantum Computing, Machine Learning, Deep Learning, Reinforcement Learning.

Minor coursework: Discrete Computational Structures, Introduction to Object-Oriented Programming, Data Structures and Algorithms, Database Management, Software engineering.

Certificates

Edx *2022*
CS50 Introduction to Artificial Intelligence

HackerRank *2022*
Python, C++, SQL, R, Problem Solving

Datacamp *2023*
Data Scientist, Deep Learning, Tensorflow

Coursera *2024*
IBM AI Enterprise Workflow, Project Management Principles and Practices,...

QWorld *2024*
QBronze, QNickel

Google Cloud *2024*
Natural Language, Machine learning and AI

And over 50 certificates are shown on linkedin