

AN NGUYEN THE

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OBJECTIVE

An undergraduate student majoring in Data Science and Artificial Intelligence. Seeking for research positions in Machine Learning.

EDUCATION

Bachelor of Data Science and Artificial Intelligence, 2020 - Now
Hanoi University of Science and Technology
Cumulative GPA: 4.0/4.0
High school degree, Bac Ninh Specialized High school 2017 - 2020
Major in Mathematics

SKILLS

Programming Python, Java
Technical Math, Statistics, Machine Learning
Libraries Numpy, Pandas, Pytorch, Scikit-learn, Selenium

LANGUAGE

Vietnamese Native
English Advanced (IELTS 7.5)

RESEARCH EXPERIENCE

Research Member Sep 2022 - Now
Data Science Laboratory *BKAI, HUST*
Advisor: Dr. Linh Ngo Van

- Trained with many skills in Machine Learning and Statistics
- Currently working in Continual Learning research team

RESEARCH PROJECTS

Prompt-based Continual Learning. Studied this new branch in Continual Learning, analyzed current approaches and tried to improve the limitations. Currently working on generating instance-level prompt using hyper network.

OTHER PROJECTS

Product Price Optimization. Formulated a two-stage problem to optimize product price, proposed meaningful features and applied different techniques to process data and make regression models. Made an interactive dashboard to keep track of product sale and a tool to optimize product price.

Vietnamese Sentiment Analysis. Crawled product reviews from online shopping platforms, applied various data processing techniques for text data, utilized recent advanced models to make a tool for classifying sentiments.

Vietnamese Single Document Abstractive Summarization. Studied different text summarization models, improved BARTpho model by re-scoring candidates with contrastive learning. Slightly beat Vi-T5-base on Vietnews benchmark.

AWARDS

- Scholarship for Students with Excellent Academic Records - 5 semesters

REFERENCES

- Professor Khoat Than - Data Science Laboratory, HUST
- Dr. Linh Ngo Van - Data Science Laboratory, HUST