



VÕ PHAN ANH QUÂN

AI Engineer Intern

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About me

During my academic and professional journey, I have discovered a strong inclination towards Machine Learning. My passion for this field became evident as I explored both software development and AI-related subjects. With a solid background in computer science and mathematics, I have gained a comprehensive understanding of the underlying principles of machine learning algorithms and their effective implementation. As a result, I firmly believe that this internship presents an excellent opportunity for me to deepen my knowledge and gain valuable hands-on experience in the field of AI.

Skills and Proficiencies

Programming Language: C++, Python, Javascript

Machine Learning: Numpy, Tensorflow, Pytorch

Web Scraping: BeautifulSoup, Requests, Selenium

Software Development: Git, Linux, MySQL, ReactJS, Docker, Fast API

English Proficiency: TOEIC 565 (L: 270, R: 295)

Education

Ho Chi Minh City University of Technology (HCMUT)

*Computer Science - **Honors Program** (2021 – now)*

*Computer Science - **Bachelor's Degree** (2020 – now)*

Fourth-year student - GPA: 8.04

Nguyen Du Gifted High School, Dak Lak

Mathematics major class (2017 – 2020)

The 2019 and 2020 Vietnam Mathematical

Olympiad (VMO) competitor

Work experience

AI Engineer Intern - Simplize

June 2023 – August 2023

Classify stock codes for articles, news, and research based on titles, content, and metadata.

- Utilize Web Scraping tools to gather news data from stock market websites, process, and clean the data.
- Build a machine learning classifier by fine-tuning the PhoBERT model on the custom dataset.

Competition

Top 7 team 2023 IEEE SPS Video and Image Processing (VIP) Cup (Ultrabot_AIO - [Click here](#))

Ho Chi Minh AI 2023 – Event Retrieval from Visual Data ([Click here](#))

Projects

Simple Machine Translation System (End-to-end project)
HCMUT Natural Language Processing Topic (Oct 2023 – Nov 2023)

Build a machine translation system with three approaches: RBMT - Rule-based Machine Translation (using URBANS), SMT - Statistical Machine Translation and NMT - Neural Machine Translation (Transformer, mBART and using BARTpho as an API for inferencing input text)

- Team size: 2
- Skill: Pytorch, Javascript, Fast API, Docker, Heroku
- My work: Research about RBMT and NMT, build project structure and deploy model.
- Repo: [Click here](#)

Text – to – Image Retrieval (HCM AI Challenge 2023)
AI Challenge (August 2023 – October 2023)

Developing a text-based image retrieval system by leveraging the LAVIS model and using input text as the foundation.

- Team size: 3 - Tech stack: Pytorch, Fast API
- My work: Using an open-set Object Detection model (Grounding DINO) to extract information about objects throughout the entire image dataset.
- Repo: [Click here](#)