

MINH VU

Ho Chi Minh City, Vietnam

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EDUCATION

- **FPT University** Ho Chi Minh City, Vietnam
• *B.Sc. in Artificial Intelligence, GPA: 9.19/10, Full Tuition Scholarship* Sep 2020 - Aug 2024 (expected)

SKILLS

- **Programming Languages:** Python, Java, JavaScript, TypeScript
- **Frameworks/Libraries:** Flask, FastAPI, PyTorch, Elastic Stack (Elasticsearch, Logstash, Kibana, Filebeat), ReactJs, NextJs, TailwindCSS
- **Tools:** Git, Linux, Docker, AWS, Firebase
- **Database:** SQL Server, SQLite, Redis

HONORS AND AWARDS

- **Top 5 Excellent Student in Engineering Field, Spring 2022 Semester, FPT University** 2022
- **Third Prize in The 2021 ICPC Asia Hanoi Regional Contest** 2022
- First Prize in The 3rd Annual International Competition in DS and AI, Computer Vision Track 2022
- Second Prize in Vietnam Olympiad in Informatics for Undergraduates 2020
- First Prize in F-Talent Code, FPT University 2020
- First Prize in Municipal Excellent Student Contest in Informatics 2020

WORK EXPERIENCE

- **Entiis Pte Ltd** Singapore
Software Engineer Jan 2023 - Present
 - Co-operate with customers to integrate Elastic Stack to existing logging systems from scratch to full application.
 - Report to Senior and C-level managers about project progress and schedule.
 - Build full logging pipeline: Filebeat to collect logs, Logstash to process and aggregate logs, Elasticsearch to search for logs, and Kibana to build dashboards and visualize charts.
 - Optimize customers' logging infrastructure for cost reduction and performance efficiency.
- **JobHopin** Vietnam
AI Engineer Intern Sep 2022 - Dec 2022
 - Build, train, test, and deploy NLP models for different tasks including Text Classification, etc.
 - Build advanced and complex containerization using Docker with multi-stage builds.
 - Work and operate different databases including SQL (MySQL) as well as NoSQL (Redis, Neo4j).
 - Work with vector search engines (Qdrant) for semantic-based matching with embedding vectors.
 - Work with AWS to maintain data (S3), utilize cloud computing (EC2) and manage repositories (ECR).
- **cPay Technology** Australia
Machine Learning Engineer Feb 2022 - June 2022
 - Work as a Machine Learning Engineer focusing on building the AI system for our Cryptocurrency Payment Application.
 - Conduct research and build modules (model training/validation, data cleaning) for Sentiment Analysis using Machine Learning algorithms (Count-based methods, N-grams, etc.), Deep Learning algorithms (Transfer Learning/Ensemble Learning with Deep Neural Networks using Word Embeddings, etc.) as well as Time-Series Analysis in Finance (specifically in Cryptocurrency).

PROJECTS

- Formularizer - AI Formula Generator for Excel & Google Sheets 2023
 - **Description:** An AI platform to generate Excel & Google Sheets formulas from human instructions.
 - **Technologies used:** NextJs, TailwindCSS, Python FastAPI, AWS Lambda, Elasticsearch, Redis, Firebase, OpenAI API

CERTIFICATES

- Elastic Certified Engineer 2023
- Deep Learning Specialization, Coursera 2021
 - Neural Networks and Deep Learning
 - Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
 - Convolutional Neural Networks
- IELTS Academic (6.5 Overall) 2020