QUACH THE TRUONG
Data Engineer Intership

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OBJECTIVE

I am a detail-oriented computer science student seeking a data department internship. With a strong background in computer science and practical software development experience, I am passionate about machine learning and big data. My goal is to develop high-quality and scalable machine learning models.

EDUCATION

Hanoi University of Science and Technology   **Aug 2019 - Present**
Bachelor of Computer Science   **GPA: 2.9/4.0 - Toeic: 750 (2020)**

SKILLS

- **Data engineer**: Spark, Kafka, AWS, Airflow, Hadoop, Presto
- **Data science**: Tensorflow, Scikit-learn, Natural language processing, Computer vision, Reinforcement learning
- **Database**: Postgresql, Mysql, AWS Redshift, Elasticsearch, Redis
- **Web:** Nodejs, ReactJs, NestJs, ExpressJs, Angular, VueJs
- **Programing language:** Python, Java, Javascript, C++, Go, Html+css
- **Other:** Docker, Linux, Git, Gitlab CI/CD, Figma

WORK EXPERIENTS

Pionero   *Full Stack Web Development Internship* (2/2022-7/2022)
- **Pingdaily**: An Enterprise Human Resource Management software
- **Prj:** School management software

PROJECTS

Financial Data Platformt   (12/2022-2/2023)
Github: https://github.com/qtt153759/bigdata_project
- A pipeline for financial data from the internet to a dashboard
- Perform ETL operations on data from multiple sources using Kafka and Spark
- Save cleaned data to a Redshift data warehouse and visualize it with QuickSight
- Automate Data Pipelines with Apache Airflow

Pingdaily   (3/2022-6/2022)
- An Enterprise Human Resource Management software built with React and Microservice Nestjs
- Simplify employee management storing employee information, tracking attendance, managing timekeeping, and facilitating leave requests
- Integrated with slack and Google account
- Auto deploy using Docker containers on AWS EC2 and Gitlab CI/CD

Tourist Attraction in Hanoi: Multi-Label Image Classification (6/2023)
Github: https://github.com/qtt153759/bigdata_project
- Build a model to determine the location of tourists through their travel photos in Hanoi
- Classify images into one or more of the 10 available locations. Training dataset only has 200 labeled images
- Our appoach includes using ResNet50, GoogleNet, VGG, Vit, Autoencoder

Aspect Category Opinion Sentiment (6/2023)
Github: https://github.com/qtt153759/bigdata_project
- Build a model that aims to extract all aspect-category-opinion-sentiment quadruples from user's comment
- The model uses Flan-T5, a pretrained model that is based on prompting