LE HUY HOANG

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SUMMARY

I am interested in roles such as DevOps, Data Engineer, and Data Scientist. Currently, I am exploring AWS and looking to learn and work in challenging environments. Throughout my academic journey, I have acquired a solid foundation in programming and data science, and I aim to apply this knowledge in practical scenarios and contribute to high-impact projects.

TECHNICAL COMPETENCIES

Programming	Python, SQL, GIT
Machine learning	Scikit-learn, Tensorflow, NLTK, MTCNN
Cloud	AWS
Skills need to practice more	Docker, Hadoop, Spark, Kafka, AWS
Languages	English

EXPERIENCE

VPBank Hackathon 2024   *May 2024*

– Participated in the architectural design and implementation of a data-driven project on AWS, focusing on leveraging AWS Redshift for efficient data warehousing and AWS SageMaker for machine learning model deployment.". Developed and deployed customer segmentation and Customer Lifetime Value (CLV) prediction models then visualize the data with AWS QuickSight.
– Technologies used: AWS Redshift, AWS SageMaker, Python, Machine learning.
– GitHub: VPBank Hackathon2024

Sentiment Analysis on Twitter Comments - Rersonal project   *May 2024*

– Conducted a comprehensive analysis of sentiment in Twitter comments using advanced Natural Language Processing (NLP) techniques. Implemented text preprocessing, tokenization, and vocabulary building using libraries such as nltk, spacy, and torchtext. Built and trained custom deep learning models with PyTorch for sentiment classification, leveraging its flexibility and power in neural network architectures.
– Technologies used: Natural Language Processing (NLP) techniques, Python, Machine learning
– GitHub: Sentiment Analysis on Twitter Comments

Face Recognition Attendance System - Personal project   *March 2024*

– Developed a comprehensive face recognition system using the MTCNN (Multi-Task Convolutional Neural Network) for face detection and FaceNet for face embedding. Implemented the system to automate attendance tracking, providing a seamless experience for users. Enhanced functionalities include dynamic face addition and automated export of attendance records, contributing to improved efficiency and accuracy.
– Technologies used: Python, MTCNN for face detection, FaceNet for face recognition and embedding.
– GitHub: MTCNN

EDUCATION

Thang Long University   *2020 - Present*
Bachelor of Science in Computer Science

– Major: Computer Science
– Actively participated in various school activities and conducted research in the university lab, gaining practical experience in software development and data analysis.

Certifications

– VPBank Hackathon 2024: Actively participated as a member of team 106 and successfully advanced to the prototype round, demonstrating strong problem-solving and teamwork skills.
– AWS Technical Essentials: Completed the certification, gaining a foundation in AWS cloud services and solutions, enhancing my understanding of cloud computing and its applications.