

# BUI KIM HUNG

+84929059001 | hungbk1100@gmail.com | linkedin | github.com/kimhung1100

## EDUCATION

### Ho Chi Minh City University of Technology - VNUHCM

B.S. in Computer Science, 3.5/4.0

• Relevant coursework: Linear Algebra, Probability & Statistics, Data Mining, Machine Learning, Introduction to AI, Digital Image Processing & Computer Vision, Natural Language Processing, ...

• Language: IELTS 6.5

TPHCM, VN

Aug 2020 – Dec 2024

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, SQL

**Deep Learning Frameworks:** PyTorch, Keras

**Databases:** MySQL, PostgreSQL, CouchBase

**Libraries & Tools:** NumPy, Pandas, Scikit-learn, OpenCV, NLTK, Apache Airflow, Flask, Django, Microsoft SQL, Git, Docker, AWS, Azure

## PROJECTS

### Sales Time Series Forecasting (Group Project)

Sep 2023 – Nov 2023

*Data Mining Project*

*Python*

- Improved sales forecasting accuracy, as measured by RMSE and MAE, by applying and comparing various machine learning algorithms, including Linear Regression, Random Forest, K-Nearest Neighbor, XGBoost, and Deep Neural Network.
- Evaluated model performance using cross-validation techniques to ensure robustness and generalization of the models.
- Visualized forecasted results and compared with actual sales data to provide actionable insights.

### Question Answering System (Individual Project)

Mar 2024 – May 2024

*Traditional and Transformer approach NLP*

*Python, NLTK, Underthesea*

- Enhanced query interpretation and response accuracy by implementing pre-trained transformer models using Hugging Face and developing a parser for dependency grammar.
- Constructed a comprehensive database schema to efficiently store and retrieve information for natural language queries.
- Developed a user interface to allow users to interact with the system and obtain accurate responses to their queries.

## EXPERIENCE

### Data Engineer Intern

June 2023 – Aug 2023

*Rockship*

*TPHCM, VN*

- Streamlined data processing for financial and automation recruitment projects by implementing data pipelines and server infrastructure on AWS, leveraging Python Flask and Apache Airflow.
- Collaborated with cross-functional teams, including data scientists, software engineers, and project managers, to ensure successful project delivery and seamless integration with existing systems.

### Python Engineer Intern

Oct 2024 – Now

*Bosch Global Software*

*TPHCM, VN*

- Developed a Django application for booking lab resources, hardware, and licenses, streamlining operations and improving resource utilization.
- Collaborated with cross-functional teams to design and implement scalable backend features.
- Conducted testing and debugging to ensure seamless integration and optimal performance of the application.

## CERTIFICATIONS

- Generative AI with Large Language Models - Deep Learning AI
- Mini course High-dimensional Statistics (Score 15/20) - Vietnam Institute for Advanced Study in Mathematics - University of Science - Vietnam Natuonal University