

LE BA DAC

AI Development Intern

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📍 lebadac

🌐 lebadac-uitk16

📁 my portfolio

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ABOUT ME

I am a fourth-year student from the Advanced Program in Information Systems at the University of Information Technology, seeking a job related to Machine Learning and Deep Learning. With hands-on experience in various models, I am eager to apply my AI skills to real-world problems and continuously expand my knowledge alongside Bosch Global Software Technologies Vietnam.

EDUCATION

UNIVERSITY OF INFORMATION TECHNOLOGY, VNU-HCM

Fourth-year Student

Major: Information Systems, **GPA:** 8.98/10 (3.59/4.0)

2021-02/2026

Expected

RELEVANT EXPERIENCE

Research: Temporal to Spatial Knowledge Distillation for Real-time Fire Segmentation: An Approach Involving Kolmogorov-Arnold Networks [\[Github\]](#)

08/2024-Current

FTISU Research, Faculty of Information Systems

Description: Research 2-class fire detection (Fire/Not Fire) with focus on accuracy and real-time

Responsibilities:

- Label data using Labelme
- Collect video datasets from diverse papers
- Research and build model: UNET + KAN + LSTM + Mobilenetv2, teacher-student

Tech & Tools: python, tensorflow, keras, scikit-image, scikit-learn, numpy, Optimization(Adam, Early Stopping, ReduceLROnPlateau),...

Project: Deploying diabetes detection on Android using machine learning [\[App\]](#) [\[Model\]](#)

04/2025

Self-assessment

Description: Build and deploy a machine learning model to detect diabetes risk on an Android app.

Responsibilities:

- Perform exploratory data analysis to identify trends and handle data imbalances.
- Evaluate and select the best model.
- Optimize model with K-Fold CV, deploy via FastAPI & Render and integrate into an Android app.

Tech & Tools: scikit-learn, lazypredict, ydata profiling, matplotlib, seaborn, fastapi, uvicorn, docker, render, kotlin,...

Project: Aspect-based Sentiment Analysis on Smartphone's Vietnamese Reviews [\[Github\]](#)

02/2024-06/2024

Subject: Big Data, University of Information Technology

Description: Address aspect-based sentiment analysis to evaluate aspects and sentiment polarity of streaming phone reviews using Apache Kafka platform.

Responsibilities:

- Collect and preprocess data.
- Use a PhoBERT-based model with the dataset.
- Support in writing documents in research paper format and creating presentation slides.

Tech & Tools: python, tensorflow, keras, pandas, pyspark, kafka,...

ACHIEVEMENTS & HONORS

THREE CONSECUTIVE YEARS AS A 'SINH VIEN 5 TOT'

2022-2024

University of Information Technology, VNU-HCM

THIRD PRIZE - TALENT CATEGORY OF BOSCH ACTIVATOR SCHOLARSHIP 2024

12/2024

Bosch Global Software Technologies, HCM

ADDITIONAL EXPERIENCE

VOLUNTEERING

MEMBER OF UIT BOOK AND ACTION CLUBS

PARTICIPANT IN UIT SUMMER VOLUNTEER CAMPAIGN

2022-Current

06/2022-07/2022

TRAINING COURSES

SOFTWARE DEVELOPMENT WITH SCRUM

COURSERA: CRASH COURSE ON PYTHON

COURSERA: GOOGLE AI ESSENTIALS

11/2024

08/2024

08/2024

SPORT

THIRD PRIZE - MEN'S SINGLES AND MIXED DOUBLES - BOWLING

10/2024

SKILLS

Language: English (IELTS 6.5)

Programming: Python, R, SQL, Oracle, C/C++, JavaScript, Node.js, Kotlin

Frameworks & Libraries: Scikit-learn, TensorFlow, Keras, Pytorch, NumPy, Pandas, Matplotlib, Seaborn, Pyspark

S/w & Tools: Microsoft Office, Canva, LaTeX, Notion, Docker