

Dang Viet Trung

AI Engineer

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Summary

I am a computer science student who wants to challenge myself with an AI Engineer job. I would like to have the opportunity to participate in real-world projects to gain more experience in the field of AI.

Skills

Programming Languages: Python Basics

Basic Knowledge: Machine Learning, Deep Learning, AI Agent

Technology: Ollama API, Streamlit

Data Processing: Pandas, Numpy

Data Visualization: Matplotlib, Seaborn

Database Management: MySQL, SQL Server, NoSQL

Personal Projects

Website and PDF Summary App

- Developed a Python-based tool to summarize website and PDF content using Ollama API (llama3.2).
- Built an intuitive Streamlit interface and integrated OCR (Tesseract) and web scraping (BeautifulSoup) for robust content extraction.
- Managed project lifecycle with Git/GitHub, including code optimization and detailed documentation.
- **Project link:** <https://github.com/viettrung23/Website-PDF-Summary>

Diabetes prediction with imbalanced data

- Conducted EDA and preprocessing on the BRFSS2021 healthcare dataset, addressing missing values, outliers, and duplicates using Python.
- Applied and compared unbalanced data techniques (oversampling, undersampling, combination).
- Trained and optimized machine learning models (Random Forest, AdaBoost, HistGradientBoosting, kNN) to predict diabetes
- Evaluating performance with ROC AUC, precision, recall, and F1 score.
- Found HistGradientBoosting with SMOTEENN as the top performer.
- **Project link:** <https://github.com/viettrung23/Diabetes-prediction-with-imbalanced-data>

Education

Ton Duc Thang University
Bachelor of Computer Science

2021-Present
GPA: 7.79

Certifications

- APTIS - B2