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SUMMARY

I am a dynamic Al engineer with a pretty strong foundation in machine learning and deep learning, skilled in solving complex problems by optimizing models and fine-tuning hyperparameters. My expertise extends to preprocessing data and feature engineering and NLP (have some knowledge about computer vision). Experienced deploying ML/DL models using containerization tools and cloud platforms, I maintain a strong programming background and adherence to software engineering principles. Known for my responsibility for assigned work and hard-working, I am committed to continuous learning and innovation in Al, making me a valuable asset in this field.

EDUCATION

- **Hanoi University of Science and Technology**   Aug. 2021 – Present
    - **TROY-IT**.
    - **GPA: 3.18/4.00**.
    - **IELTS: 5.5**.

SIDE PROJECT

- **LawVN Chatbot**
    - The project is developed to support a legal question-answering system for Vietnam, providing accurate and fast responses to legal inquiries in areas such as civil, criminal, administrative, labor, and intellectual property law
    - Technologies: Python, Elasticsearch, Gemini, Ngrok
    - Project link :   https://github.com/LittleCruella/lawVN_Q-A

- **Poem Generation**
    - Generating poem by a word as an input
    - Technologies: Python, Pytorch, Numpy, Pandas
    - Project link :   https://github.com/LittleCruella/Poem-Generation

- **End-to-end Question Answering**
    - Create QA model by combining text extraction with pre-trained Distilbert
    - Technologies: Python, Numpy, Transformer
    - Project link :   https://github.com/LittleCruella/QA-Model

EXPERIENCES

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    NLP BKAI Laboratory
    * Generation answers for questions based on different sources such as paragraph, knowledge bases, databases, ...
    * Multi-model for automatic identifying in a suspicious document from other source documents
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    Internship at FPT Software   Sep.2024 - Apr.2025
    * Data Crawling: Collected and crawled relevant data to support various NLP project
    * Data Processing: Processed and cleaned the collected data to ensure high-quality input for model training
    * Researched and built a Retrieval-Augmented Generation (RAG) system using LLMs for specific tasks
    * Designed and implemented the backend infrastructure, including database schemas and Flask APIs, to deploy AI models seamlessly on web

SKILLS

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  Technical skills
  - Data Structures and Algorithm
  - Java
  - C++
  - Python
  - Pytorch
  - Huggingface
  - Langchain