

Dang Quang Dung

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Linkedin

Github

Cau Giay - Ha Noi



Profile

In five years' time, I want to become an AI Engineer. My starting point is to begin this position as a Software Engineer.

Education

09/2019 – 05/2024 **Posts and Telecommunications Institute of Technology.**
Information Technology
GPA 3.31/4.0

Research Interests

Natural Language Processing (NLP), Machine Learning and Deep Learning.

Work Experience

Master Trainer at Centre for Development of Advanced Computing (C-DAC), India (09/2024 - present)

- Participate in Artificial Intelligence & Data Science: PG-DBDA - Post Graduate Diploma in Big Data Analytics

AI Researcher at Reseach Institute of Posts and Telecommunications (RIPT) - PTIT (08/2024 - present)

- Research and writing paper
- Build a chatbot system using RAG techniques, Function Calling with LLMs

Software AI Engineer at A.I-Soft JSC (02/2023 - 08/2024)

- Build websites for research topics.
- Build a chatbot system to support enrollment (End-to-End) using Rasa and Botpress Framework.
- Build a crawl data module, data analysis using BERTopic for social network listening system.
- Research paper about AI and Natural Language Processing and apply to used software products.
- Build a chatbot system to support enrollment (End-to-End) with LLMs using RAG (Retrieval-Augmented Generation) techniques with LangChain and LlamaIndex Framework.

Skills

Languages	English, Vietnamese (native speaker)
Coding	Python, Linux, SQL, FastAPI, Docker,...
Databases	MySQL, MongoDB, FAISS, Chroma...
Web Dev	HTML, CSS, JavaScript, Reactjs, Antdesign, MUI...

Skills (continued)

Open-source NLP Tools	Transformers (Hugging Face), spaCy, scikit-learn, Gensim, NLTK, BERTopic, Rasa, Botpress, Langchain, LlamaIndex ...
Deep Learning Frameworks	TensorFlow, Keras, PyTorch
Misc.	Research Skills, Problem Solving, Report Writing, Teamwork and Independently, Data Structures and Algorithms, Data Visualization (Tableau, Excel)

Scientific research achievements

Published scientific articles

2024	An intent-filtered retrieval-augmented generation chatbot for university admissions in Vietnam. International Conference On Advanced Technologies For Communications.
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Miscellaneous Experience

Certification

11/2021	APPLICATIONS OF ALGORITHM . by Posts and Telecommunications Institute of Technology and Samsung Electronics Vietnam Company Limited.
09/2022	Toeic 605 . by IIG VietNam.