DO NGUYEN THUAN PHONG
AI ENGINEER

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District 7, Ho Chi Minh city, Vietnam

I have experience in developing and deploying machine learning and deep learning models for Speech Processing and Natural Language Processing applications. Expertise in analyzing and extracting insights from real-world data. Proven ability to collaborate effectively with cross-functional teams, including service, product, and data teams, to gather, process, and communicate information and technology.

EXPERIENCE

AI ENGINEER

Zalo - VNG Corporation
November 2021 - Present

- Developed machine learning models for **Kiki** virtual assistant on ZingMP3 app and in-car systems, reaching over **1 million users**.
- **Analyzed real-world data** from text and audio sources to **extract insights** and inform product development.
- Proven experience in **natural language processing** tasks, including text classification and entity detection; **speech processing** tasks, including voice activity detection, speaker diarization.
- **Collaborated** with cross-functional teams to gather requirements, receive data, provide data insights, and deliver machine learning models.

RESEARCH

I have experience in AI research on natural language processing, especially on the topic of question and answer and information retrieval. I have successfully published **eight papers** on AI at leading conferences around the world such as EACL, NAACL.

- **VLUE: A New Benchmark and Multi-task Knowledge Transfer Learning for Vietnamese Natural Language Understanding**

 The first author, accepted at NAACL 2024 (Findings) conference

- **Sentence extraction-based machine reading comprehension for Vietnamese**

The first author, accepted at KSEM 2021 conference

- **Multi-stage transfer learning with BERTology-based language models for question answering system in vietnamese**

The co-author, accepted at International Journal of Machine Learning and Cybernetics (Q1), 2023
And some more papers can be found at google scholar.

SKILLS

- Proficiency in Python, C++
- Data Structures and Algorithms
- Database and SQL expert
- Proficient in English at work

- Familiar with AI libraries: transformers, scikit-learn.
- Adaptability and continuous learning
- Research and keep up with SOTA architectures.

EDUCATION

BACHELOR OF COMPUTER SCIENCE

University of Information Technology, Vietnam National University, Ho Chi Minh city
2018 - 2022

CONTACT

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Github: https://github.com/PhongNTDo