Phan Doan Thai Binh, B.S.

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Employment History

7/2024 – 10/2024   🔖 **AI Engineer.** Spartan, Ho Chi Minh City, Viet Nam.
- Develop and implement LLM chatbots to production.
- Research advances in NLP and integrate them into existing pipelines.
- Maintain documentation on NLP architectures, code, and model metrics.

2022 – 2023   🔖 **Engineer.** Java Software Engineer, Zalopay, Ho Chi Minh City, Viet Nam.

Education

2024 – Now   🔖 **Master student, Computer Science,** University of Information Technology, Viet Nam National University, Ho Chi Minh city

2020 – 2024   🔖 **B.S . Computer Science,** Honors program, University of Information Technology, Viet Nam National University, Ho Chi Minh city
Thesis title: *Nested named entity recognition from scientific articles in agriculture.*
GPA: 8.78 / 10

2017 – 2020   🔖 **English class student** in Binh Long high School for the gifted .

Research Publications

Conference Proceedings

1. D. T. B. Phan, H. D. Nguyen, and H. Q. Ngo, "Building knowledge graphs from legal documents with llm-based entity recognition," in *Proceedings of the Workshop on Artificial Intelligence for Access to Justice (AI4A2J 2025)*, Northwestern University, Chicago, IL, USA, Jun. 2025.

2. D. T. B. Phan, P. V. L. Le, N. H. Luong, T. Kechadi, and H. Q. Ngo, "Domain adaptation in nested named entity recognition from scientific articles in agriculture," in *Proceedings of the 12th International Symposium on Information and Communication Technology*, 2023. 🔗 DOI: 10.1145/3628797.3628958.

- Responsible for training the model using advanced techniques and frameworks.
- Ensuring efficient handling of raw data from agricultural scientific articles.
- Evaluating the models by applying different architectures and training techniques, analyzing their performance across diverse datasets.

Skills

Languages   🔖 Strong reading, writing and speaking competencies for English, Vietnamese.

Coding   🔖 Python, Java, C++, SQL, LaTeX, …

Misc.   🔖 Academic research, Natural language processing, LaTeX typesetting and publishing.

Miscellaneous Experience

Awards and Achievements

2021, 2020   ▌ **Third prize, Second prize:** Regional ACM International Collegiate Programming Contest (ICPC).

2020, 2019   ▌ **Second prize, Third prize:** Viet Nam Olympiad in Informatics (VOI).

2019, 2018   ▌ **Gold Medal, Silver medal:** Northern Delta & Coastal Areas competition.

           ▌ **Gold Medal, Silver medal:** Traditional Olympiad 30/4 founded by Le Hong Phong High School for the Gifted (Ho Chi Minh City).

Certification

2023   ▌ **IELTS 6.0**. Awarded by British Council.

        ▌ **Neural Networks and Deep Learning**. Awarded by Coursera.

2022   ▌ **Problem Solving Using Computational Thinking**. Awarded by Coursera.