

Thinh Pham

✉ thinphp@vt.edu [🔗 thinphp.github.io](https://github.com/thinphp) [🎓 Google Scholar](#)

Research interests

My research interests are in large language models. In particular, I focus on retrieval-augmented generation, factuality and complex reasoning.

Education

Virginia Tech

PhD in Computer Science and Applications

- Advisor: [Prof. Tu Vu](#)

Virginia, USA

Aug 2024 – present

University of Science, VNUHCM

BS in Computer Science (Advanced Program)

- GPA: 3.92/4.0
- Thesis: Integrating Label Attention into CRF-Based Vietnamese Constituency Parser
- Thesis advisor: [Prof. Dien Dinh](#)

HCM city, Vietnam

Aug 2018 – Oct 2022

Work Experience

AI Resident

VinAI Research

- Supervisor: [Dr. Dat Quoc Nguyen](#) - Head of NLP Department
- Research topics: Spoken Language Understanding

Hanoi, Vietnam

July 2022 - July 2024

Selected Publications

JPIS: A Joint Model for Profile-Based Intent Detection and Slot Filling with Slot-to-Intent Attention

Thinh Pham, Dat Quoc Nguyen

ICASSP 2024 [\[pdf\]](#)

MISCA: A Joint Model for Multiple Intent Detection and Slot Filling with Intent-Slot Co-Attention

Thinh Pham, Chi Tran, Dat Quoc Nguyen

Findings of EMNLP 2023 [\[pdf\]](#)

XPhoneBERT: A Pre-trained Multilingual Model for Phoneme Representations for Text-to-Speech

Linh The Nguyen, Thinh Pham, Dat Quoc Nguyen

INTERSPEECH 2023 [\[pdf\]](#)

Honors and Awards

Pony Chung Scholarship

2020 & 2021

Odon Vallet Scholarship

2020

Second Prize, Vietnam Informatics Olympiad

2017

Second Prize, Vietnam National IT Competition for Youth

2017

Professional Service

Reviewer for NAACL 2024

Skills

Natural languages: English, Vietnamese

Programming languages: Python, C/C++

Deep learning frameworks: Pytorch, TensorFlow, AutoGen, DSPy