

# Thinh Pham

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

## Research interests

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I am particularly interested in designing effective and efficient methods to keep LLMs up-to-date with dynamic real-world knowledge. Currently, my research focuses on **search-augmented LLMs** and **web search agents**.

## Education

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### 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

HCM city, Vietnam

*Aug 2018 – Oct 2022*

## Work Experience

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### Research Intern - Intelligent Internet

- Supervisor: [Duy Phung](#) - Head of NLP Department
- Research topics: Self-improving agents

*Jun 2025 - Aug 2025*

### Research Resident - VinAI Research (acquired by QualcommAI Research)

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

*Jul 2022 - Jul 2024*

## Selected Publications

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### SealQA: Raising the Bar for Reasoning in Search-Augmented Language Models

*Thinh Pham, Nguyen Nguyen, Pratibha Zunjare, Weiyuan Chen, Yu-Min Tseng, Tu Vu*

ICLR 2026 [\[pdf\]](#)

### 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

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A number of academic scholarships for undergraduate students

2018 - 2022

**Second Prize**, Vietnam Informatics Olympiad

2017

## Skills & Professional Service

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**Deep Learning Frameworks:** PyTorch, TensorFlow, AutoGen, DSPy

**Soft skills:** Collaboration, Communication, Research planning

**Reviewer** for NAACL 2024

**Teaching Assistant**, CS3114 & CS1064 - Virginia Tech