

MINH PHAM

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EDUCATION

New York University, New York City, NY 2021 - Present

Ph.D. in Computer Science

Advisor: [Dr. Chinmay Hegde](#)

Worcester Polytechnic Institute, Worcester, MA 2014 - 2017

B.S. in Computer Science

B.S. in Mathematical Sciences

Advisor: [Dr. Jacob Whitehill](#)

RESEARCH INTERESTS

Robust Algorithms for Continual Learning, Memorization in Text-to-Image and Large Language Models, Adversarial and Distributional Robustness, Knowledge Distillation, Federated Learning

EXPERIENCE

Research Assistant Sep, 2021 - Present

New York University

Brooklyn, NY

Research topics: Continual Learning, Memorization, Robustness

Research Assistant May, 2019 - May, 2021

Worcester Polytechnic Institute

Worcester, MA

Research topics: Dataset Evaluation, Speaker Verification/Diarization, Domain Adaptation

PUBLICATIONS & PREPRINTS

(*) denotes equal contribution

Minh Pham, Kelly O. Marshall, Niv Cohen, Govind Mittal, Chinmay Hegde. “[Circumventing Concept Erasure Methods For Text-to-Image Generative Models](#)”, *International Conference on Learning Representations (ICLR)*, 2024

Kelly O. Marshall, **Minh Pham**, Ameya Joshi, Aditya Balu, Anushrut Jignasu, Adarsh Krishnamurthy, Chinmay Hegde. “[ZeroForge: Feedforward Text-to-Shape Without 3D Supervision](#)”, *Preprint*, 2023

Nastaran Saadati, **Minh Pham**, Nasla Saleem, Joshua Russell Waite, Aditya Balu, Zhanhong Jiang, Chinmay Hegde, Soumik Sarkar. “[DIMAT: Decentralized Iterative Merging-And-Training in Deep Learning](#)”, *Preprint*, 2023

Benjamin Feuer, Ameya Joshi, **Minh Pham**, Chinmay Hegde. “[Distributionally Robust Classification on a Data Budget](#)”, *Transactions on Machine Learning Research, (TMLR)*, 2023

Minh Pham*, Minsu Cho*, Ameya Joshi*, Chinmay Hegde. “[Revisiting Self-Distillation](#)”, *Preprint*, 2022

Ameya Joshi, **Minh Pham**, Minsu Cho, Chinmay Hegde. “[Smooth-Reduce: Leveraging Patches for Improved Certified Robustness](#)”, *Preprint*, 2022

Minh Pham, Zeqian Li, Jacob Whitehill. “[Toward Speaker Embeddings: Automated Collection of Speech Samples from Unknown Distinct Speakers](#)”. *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, 2020

Minh Pham, Zeqian Li, Jacob Whitehill. “[How Does Label Noise Affect the Quality of Speaker Embeddings?](#)”. *Conference of the International Speech Communication Association (INTERSPEECH)*, 2020

GRADUATE COURSES

DS-GA.1011 Natural Language Processing, *CS-GY.6763* Algorithmic Machine Learning & Data Science, *CSCI-GA.2271* Computer Vision, *CSCI-GA.2566* Foundations of Machine Learning, *CS-GY.9963* Foundations of Deep Learning, *CS-GY.6313* Information Visualization, *DS-GA.1020* Mathematical Statistics.

AWARDS

Google CSRMP	Oct, 2021 - Dec, 2021
NYU SOE Ph.D. Fellowship	Sep, 2021 - Dec, 2021
WPI University & International Scholarship	2017 - 2021

ACADEMIC SERVICES & ACTIVITIES

ICLR Conference Reviewer	2024
AAAI Conference Reviewer	2024
NeurIPS Workshop on Diffusion Models Reviewer	2024
Poster Presentation, ICASSP 2020	May, 2020
Poster Presentation, INTERSPEECH 2020	Oct, 2020
Poster Presentation, WPI Works in Progress Undergraduate Research Symposium	Oct, 2019

SKILLS

Programming Skills	Python, Java, C++, SQL, R
Technologies	PyTorch, Tensorflow, Google Cloud, AWS, Git, Slurm