

Tin Nguyen






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Objectives: Safety, Trustworthy, Explainability, and Editability.

Education

2022 - now	 PhD, Auburn University, Auburn, AL, USA <i>Major: Computer Science</i> <i>Advisor: Prof. Anh Totti Nguyen</i>
2020 - 2022	 M.Sc., Sejong University, Seoul, Korea <i>Major: Computer Science</i> <i>Advisor: Prof. Kim Yong Guk</i>
2015 - 2019	 B.A., Ho Chi Minh University of Science, Ho Chi Minh, Vietnam <i>Major: Computer Science and Robotics</i> <i>Advisor: Prof. Ngoc Quoc Ly</i>

Publications (Selected) (* denotes equal contribution)

Arxiv 2025	HoT: Highlighted Chain of Thought for Referencing Supporting Facts from Inputs <i>Tin Nguyen*, Logan Bolton*, Mohammad Reza Taesiri, Anh Totti Nguyen</i>  Paper / Project Page
NAACL 2024	Part-based image classifiers with an explainable, editable language bottleneck <i>Minh Thang Pham*, Peijie Chen*, Thanh-Tin Nguyen*, Seunghyun Yoon, Trung Bui, Anh Nguyen</i>  Paper  Code
Knowledge-based Systems (KBS) 2023	Coarse-To-Fine Fusion for Language Grounding in 3D Navigation <i>Thanh-Tin Nguyen, Anh H. Vo, Soo-Mi Choi, Kim Yong Guk</i>  Paper  Code

Technical Strengths

AI	Prompting LLMs, RAG, Knowledge Graph, Diffusion Models, Object Detection.
AI Framework	Pytorch, Tensorflow.
Programming Language	C/C++, Python.

Work Experience

2019-2020	AI Engineer @ AIOZ Company, Ho Chi Minh City, Vietnam Segmentation, Face Recognition, License Plate Recognition.
2018-2019	AI Engineer Intern @ Gumi Company, Ho Chi Minh City, Vietnam Line Segmentation for handwritten text. Optical Character Recognition (OCR) for Japanese bills and documents.
2017-2018	Game Programmer Intern @ Gameloft, Ho Chi Minh City, Vietnam Building an arcade game using Cocos-2dx.

Honors and Awards

1st Prize in AICovidVN challenge	2021
Introduced Fruit-CoV, a framework that is capable of detecting SARS-CoV-2 through cough sounds. Received 100mil VND (\$4300).	

Services and Activities

Teacher for K-6 AI Club at Auburn University

AI Club for children around the elementary-school age (K-6) to learn math, coding, robotics, and artificial intelligence. This is a completely FREE, voluntary, educational event. Supported by Auburn University and an NSF CAREER award. Find out more at: [our website](#).

Reviewer

I have been serving as a reviewer for journals and conferences such as Knowledge-based Systems, ACL, NAACL, and EMNLP.

References

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Dr. Ngoc Quoc Ly, Associate Professor, University of Science.

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