

# Tuan Nguyen

PhD at UofA | Machine Learning Researcher | Math & Logic

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🎓 Scholar

🐙 Github

🌐 LinkedIn

## Education

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**University of Arizona, Tucson, AZ**

Aug. 2022 – Present

Ph.D. in Computer Science

Advisor: Prof. Kwang-Sung Jun

Research: Bandit Algorithms, Monte Carlo Tree Search, Theoretical Machine Learning

**University of Oregon, Eugene, OR**

Aug. 2019 – June. 2021

M.S. in Computer Science

Advisor: Prof. Thien Huu Nguyen

Research: Unsupervised Domain Adaptation, Multilingual Adaptation, Natural Language Processing

**CUNY Baruch College, New York, NY**

Aug. 2013 – Dec. 2015

B.A. in Finance; minor in Mathematics

Achievements: Top 20 at Traders@MIT Fall 2014 Trading Competition

## Publications

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**Crosslingual Transfer Learning for Relation and Event Extraction via Word Category and Class Alignments**

Minh Van Nguyen, [Tuan Ngo Nguyen](#), Bonan Min, and Thien Huu Nguyen

In Proceedings of the EMNLP 2021

**Hierarchical Graph Convolutional Networks for Jointly Resolving Cross-Document Coreference of Entity and Event Mentions**

Duy Phung, [Tuan Ngo Nguyen](#), and Thien Huu Nguyen

In Proceedings of the NAACL-HLT TextGraphs Workshop 2021

**Event Detection: Gate Diversity and Syntactic Importance Scores for Graph Convolution Neural Networks**

Viet Dac Lai, [Tuan Ngo Nguyen](#), and Thien Huu Nguyen

In Proceedings of the EMNLP 2020

**Graph Transformer Networks with Syntactic and Semantic Structures for Event Argument Extraction**

Amir Pouran Ben Veyseh, [Tuan Ngo Nguyen](#), and Thien Huu Nguyen

In Findings of the EMNLP 2020

**Learning to Select Important Context Words for Event Detection**

Nghia Trung Ngo, [Tuan Ngo Nguyen](#), and Thien Huu Nguyen

In Proceedings of the PAKDD 2020

**On the Effectiveness of the Pooling Methods for Biomedical relation extraction with deep learning**

[Tuan Ngo Nguyen](#), Franck Dernoncourt, and Thien Huu Nguyen

In Proceedings of the EMNLP LOUHI Workshop 2019

## Academic Services

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**Reviewer:** ACL (2022), EMNLP (2021), CVPR (2021), IJCAI (2021)

**Teaching Assistant:** CSC445 Algorithms, CSC380 Principles of Data Science

## Technical Skills

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**Machine and Deep Learning:** Probabilistic Models, NLP, Computer Vision, Reinforcement Learning, Generative Models, Domain Adaptation, Adversarial ML, Pytorch/Tensorflows and other ML libraries

**Languages:** Python, C/C++, Go; **OS:** Any OS, I like ArchLinux; **Editors:** Emacs