

Nghia Ngo

VinAI Research, Hanoi, Vietnam.

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RESEARCH INTEREST

I am interested in working on problems related to Natural Language Processing and Machine Learning. Specifically, my current main research focuses are cross-domain information extraction and multilingual language understanding.

EDUCATION

Hanoi University of Science and Technology (HUST)

2015 - 2020

School of Information Technology and Communication - Global ICT Program

Bachelor's Degree

- Thesis: Unsupervised Domain Adaptation for Event Detection
- Advisor: M.Sc. Linh Ngo

RESEARCH EXPERIENCE

AI Research Resident

2019 - Present

VinAI Research - website: www.vinai.io

- Advisor: Asst.Prof. Thien Nguyen
- Research topics: Natural Language Processing
- Skills gained: Information Extraction, Language Modeling, Domain Adaptation, Knowledge Distillation, Meta Learning

Undergraduate Research Student

2017 - 2019

Data Science Laboratory (DSLAb), HUST - website: ds.soict.hust.edu.vn

- Advisor: M.Sc. Linh Ngo
- Research topics: Topic Modeling
- Skills gained: Fundamental Machine Learning and Deep Learning, Probabilistic Graphical Model, Variational Inference

PUBLICATIONS

Unsupervised Domain Adaptation for Event Detection using Domain-specific Adapters

2021

Nghia Ngo, Duy Phung, Thien Huu Nguyen

Proceedings of ACL-IJCNLP 2021 (Findings)

Learning to Select Important Context Words for Event Detection

2020

Nghia Ngo, Tuan Ngo Nguyen, Thien Huu Nguyen

Proceedings of the 24th Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2020)

OTHER ACTIVITIES

Robotic - Global Project-Based Learning

2017

- Exchange Program with Japanese Students
- Implementing Voice Recognition and Vision system for Robot

FPT Digital Race

2018

- Autonomous Racing Competition
- Implementing Road Detection system for Autonomous Car

LANGUAGES

Vietnamese: *Native*

English: *Fluent*

IELTS: *7.5 Overall (L: 9.0, R: 8.5, W: 6.5, S: 6.0)*

TECHNICAL SKILLS

Programming Languages: *Python, C/C++, Java*

Libraries: *Pytorch, Tensorflow, Numpy, HuggingFace*

Developer Tools: *Git*