Nghia Ngo

VinAI Research, Hanoi, Vietnam.
Homepage: nghiant66.github.io
Phone: (+84) 325148897
Mail: ngotrnghia1811@gmail.com

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: 8.5, R: 9.0, W: 6.5, S: 6.0)*

TECHNICAL SKILLS

Programming Lanuguages: *Python, C/C++, Java*
Librabies: *Pytorch, Tensorflow, Numpy, HuggingFace*
Developer Tools: *Git*