CURRICULUM VITAE

Hieu M. Tran

D.O.B: August 18th, 1996

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Education

2014 – 2019
Hanoi University of Science and Technology

- Major: Computer Science
- Degree of engineer
- **Degree**: Excellent
- **GPA:** 3.6/4 (top 1.3% in graduation)

Projects

- ✓ Using neural network network "Handwriting digit identification"
- ✓ Using network learning machine classify spam/non-spam email
- ✓ Using NLP techniques, neural networks in the sentiment classification problem in the commentary
- ✓ Virtual assistant helps organize email and extract important information and then send it to Google calendar. Use word embedding fasttext, SVM classification algorithm, named entity recognition
- ✓ Building AutoML system for problem of image classification
- ✓ Improve performance for document relation extraction task.

Working experience

Jul, 2016 – Sep, 2016
Internship at **BKAV:** Vulnerability and security sector

Oct, 2016 – May, 2017
Internship at **Kampus**, a start-up company specializing in teaching online program using Android, IOS

Joining Intelligent Program - **Cinnamon AI Lab** annual Artificial Intelligence training program

Oct, 2017 – Oct 2019
Part-time staff at **VCCorp** in data mining team

Nov, 2019 to present
AI resident at **VinAI.**

Publications

The Dots Have Their Values: Exploiting the Node-Edge Connection in Graph-based Neural Models for Document-level Relation Extraction

- **Hieu Minh Tran,** Minh Trung Nguyen, Thien Huu Nguyen
- Proceedings of EMNLP 2020 (Findings)

Exploiting Document Structures and Cluster Consistencies for Event Coreference Resolution

- **Hieu Minh Tran,** Duy Phung**,** Thien Huu Nguyen
- Proceedings of ACL-IJCNLP 2021

Learning Cross-lingual Representations for Event Coreference Resolution with Multi-view Alignment and Optimal Transport

- Duy Phung**, Hieu Minh Tran** and Thien Huu Nguyen
- Proceedings of the first Workshop on Multilingual Representation Learning (MRL 2021) at EMNLP 2021

Vietnamese Speech-based Question Answering over Car Manuals

- Tin Duy Vo, Manh Tien Luong, Duong Minh Le, **Hieu Minh Tran**, Nhan Tri Do, Duy Nguyen, Thien Hai Nguyen, Hung Hai Bui, Dat Quoc Nguyen and Dinh Quoc Phung
- Proceedings of Data-Centric AI Workshop at NeurIPS 2021

Achievements

- ✓ Third prize in the national high school students at Information technology subject in 12th grade, 2014
- ✓ Bronze Medal for Informatics in the North Central Coast plain 2013
- ✓ Second prize for excellent students at provincial level at information technology subject in 11th grade, 2013
- ✓ Attend the final round of Samsung Software Challenge Contest 2016
- ✓ Attend the IP2 (intelligent program) final round - Cinnamon AI Labs.