

Thanh T. NGUYEN

(082) 010-2883-2792
thanhnt@unist.ac.kr
www.thanhnguyentang.com

Ulsan National Institute of Science and Technology (UNIST)
School of Computer Science & Engineering
50 UNIST, Ulsan, Korea 44919

EDUCATION

- **Ulsan National Institute of Science and Technology (UNIST)**, South Korea Mar. 2018
M.S. in Computer Science & Engineering (GPA: 4.0 / 4.0)
Thesis: *Parametric Information Bottleneck to Optimize Stochastic Neural Networks*
Supervisor: Jaesik Choi
- **Danang University of Science and Technology (DUST)**, Vietnam Jul. 2015
B.S. in Electronic and Communication Engineering (valedictorian)

RESEARCH INTERESTS

Deep Learning, Natural Language Processing, and Probabilistic Inference.

EXPERIENCE

- **Researcher** Mar. 2018 - present
Ulsan National Institute of Science and Technology (South Korea), School of Computer Science & Engineering, Statistical Artificial Intelligent Lab (SAIL).
- **Research Assistant** Mar. 2016 - Mar. 2018
Ulsan National Institute of Science and Technology (South Korea), School of Computer Science & Engineering, Statistical Artificial Intelligent Lab (SAIL).
- **Teaching Assistant** Aug. 2015 - Mar. 2016
Danang University of Science and Technology (Vietnam), Center of Excellence, Electronic and Communication Engineering.
- **Mobile Network Intern & Engineer** Jan. 2015 - Aug. 2015
Viettel Network Corporation (Vietnam).
- **Teaching Assistant & Research Assistant** Oct. 2014 - Jan. 2015
Danang University of Science and Technology (Vietnam), Center of Excellence, Electronic and Communication Engineering.

PUBLICATIONS

- (*Master Thesis*) Parametric Information Bottleneck to Optimize Stochastic Neural Networks, ScholarWorks@UNIST, 2018.
- (Under Review) **Thanh T. Nguyen**, and Jaesik Choi, Layer-wise Learning of Stochastic Neural Networks with Information Bottleneck, 2017, arXiv 1712.01272.

SELECTED AWARDS

- Valedictorian and the sole First-Class Graduate in the Electronic and Communication Engineering Program at the Center of Excellence, 2015;
- JENESYS 2.0 Exchange student by Japan International Cooperation Center 2015;
- Sunflower Mission Engineering & Technology Scholarship by eSilicon and Texas Instrument, 2014;
- First Prize in the Competition of Solving Mathematical Problems by the Journal of Mathematics and Youth, 2010;
- Silver Medal in Southern Vietnam Mathematics Olympiad, 2008.

SKILLS

Programming languages : Python, C++, C, Java.
Deep Learning frameworks : Theano, Tensorflow, Caffe.
Parallel Computing frameworks : OpenMP, MPI, CUDA, pthreads.

REFERENCES

- Assoc. Prof. Jaesik Choi
Ulsan National Institute of Science and Technology
School of Computer Science & Engineering
Statistical Artificial Intelligent Lab (SAIL)
jaesik@unist.ac.kr
- Assoc. Prof. Tuan V. PHAM
Danang University of Science and Technology
Center of Excellence
pvtuan@dut.udn.vn
- Major Tra-My V. NGUYEN
Department of Mobile Network
Technical Center II
Viettel Networks Corporation
tramynv@viettel.com.vn

(Updated: April 6, 2018)