Tung Doan

Curriculum Vitae

PERSONAL DETAILS

Full Name	Doan Phong Tung
Birth	October 19, 1991
Address	Room 801, B1 Building, Hanoi University of Science and Technology.
	No. 1, Dai Co Viet Road, Hai Ba Trung District, Ha Noi, Viet Nam
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EDUCATION

PhD. Informatics 2016-2021

National Institute of Informatics, Japan
The Graduate University for Advanced Studies, SOKENDAI

- Thesis topic: Differentiable Models for Sequential Representation Learning and Segmentation.

BSc. Computer Engineering 2009-2014

School of Communication & Information Technology
Hanoi University of Science and Technology

- Thesis topic: Research and develop navigation system with high accuracy.
- Cumulative grade-point average: 3.46 (convertible to 10-scale: 8.92).
- Degree classification: Very good.
- Attaining the 8th place over 420 students at the same graduation year.

RESEARCH INTERESTS

- Machine Learning: deep learning, stochastic learning
- Data Mining: multiview data, sequential data
- Optimization: combinatorial optimization

WORK EXPERIENCE

Lecturer 2021-present

Department of Computer Engineering, Hanoi University of Science and Technology

Teaching courses:

- Signal Processing
- Introduction to Information Technology
- Introduction to C Programming Language

Researcher 2013-2016

KDE-lab, Hanoi University of Science and Technology

Researched properties of Probabilistic topic models, especially when input data has high dimension. Proposed algorithm in order to not only guarantee quality of inference but also improve performance of learning with massive/streaming data.

Researcher 2012-2013

Navis Center, Hanoi University of Science and Technology

Researched and developed a navigation system using satellite with high accuracy, reliability and low cost.

SKILLS

Hard skills

- Background: algebra, statistics, probability theory, computational complexity, and optimization.
- Programing languages: C/C++, C Sharp, Java, Python, MATLAB.
- Operating systems: Microsoft Windows, Linux, Android, MacOS.
- Applications and tools: LaTeX, Spyder (Python), Mathlab, ...

Soft skills

- Very good listening skill.
- Good teamwork skill.
- Good Self-working skill.
- Leadership ability.

FOREIGN LANGUAGES

English	IELTS 7.0 (Listening 7.0, Reading 7.5, Writing 7.0, Speaking 6.0). TOEFL 91 (Reading 24, Listening 24, Speaking 18, Writing 25).
Japanese	primary.

ACHIEVEMENTS

MEXT Scholarship 2016-2021

The Government of Japan

MEXT Scholarship are arwarded to foreign students for pursuing higher academic degrees in Japan, based on the recommendation of Japanese Embassy/Consulate General, University, or Authority.

Lotte Award 2013

Lotte Vietnam Company

The Lotte Award are given to 46 students, having the best academic performance in the year, from all universities of Viet Nam.

Analysis and design software certificate 2012
FPT Software Company

Fpt Software Company annually held 3-month course for students of universities in Hanoi area who are interested in developing software in professional manner. The students are given certificates after pass the final exam.

Third prize of Physics 2009
Contest of Solving physics by calculator for Vietnamese Excellent student of high school

Consolation prize of Physics 2009
Contest of Namdinh Province Excellent student of high school

PUBLICATIONS

Tung Doan, and Atsuhiro Takasu. "Deep Multiview Learning From Sequentially Unaligned Data." IEEE Access 8 (2020): 217928–217946.

Tung Doan, and Atsuhiro Takasu . "Deep multi-view learning from sequential data without correspondence." In 2019 International Joint Conference on Neural Networks (IJCNN), pp. 1–8. IEEE, 2019.

Tung Doan, and Atsuhiro Takasu. "Sparse Regression-Based Multiple Sequence Alignment." In 2019 IEEE International Conference on Multimedia and Expo (ICME), pp. 1372–1377. IEEE, 2019.

Tung Doan, and Atsuhiro Takasu. "Robust vehicle detection from noisy acceleration signal for bridge monitoring systems." In Proceedings of the 19th International Conference on Information Integration and Web-based Applications & Services, pp. 136–140. 2017.

Tung Doan, and Khoat Than. "Sparse Stochastic Inference with Regularization" In Pacific-Asia Conference on Knowledge Discovery and Data Mining, pp. 447–459. Springer, Cham, 2017.

Khoat Than, and **Tung Doan**. "Dual online inference for latent Dirichlet allocation." In Asian Conference on Machine Learning, pp. 80–95. PMLR, 2015.

EXTRACURRICULAR ACTIVITIES

Sport	Football, cycling, table tennis, badminton.
Living life	Traveling, Japanese culture (e.g. manga).

REFERENCES

Prof. Atsuhiro Takasu
Vice Director-General of Digital Content and Media Sciences Research Division

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The Graduate University for Advanced Studies, SOKENDAI.
Website: http://www.ldear.nii.ac.jp/~takasu/en/
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