NGUYEN TA DUY

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EDUCATION

Boston University 09/2021 - present
Ph.D. Student in Computer Science, advised by Alina Ene. Interests in Optimization, Machine Learning and Learning Theory.

National University of Singapore 08/2013 - 08/2021
Master of Science, Computer Science (Artificial Intelligence). GPA: 4.75/5.
Bachelor of Computing, Computer Science; Double Degree with École Polytechnique. GPA: 4.53/5; Highest Distinction.

École Polytechnique, France 01/2015 - 04/2019
Diplôme de l'École Polytechnique, Mathematics & Computer Science. GPA: 3.65/4.

AWARDS

Best paper award, Genetic Algorithm track, GECCO 2017.	2017
NUS Research Scholarship (*full funding for MSc degree*).	2017-2019
Eiffel Scholarship (*full funding at École Polytechnique*).	2015-2017
ASEAN Scholarship (*full funding for BComp at NUS*).	2013-2017

WORK EXPERIENCE

Research Assistant, National University of Singapore 04/2019 - 08/2021
Study interpretability of machine learning model and robustness of fair machine learning.

Research Intern, École Polytechnique & JDA Software Montreal 04/2017 - 08/2017
Studied the vehicle routing problem from a data analytic approach.

Software Engineering Intern, Keluro Paris 06/2016 - 09/2016
Developed a .NET application for sharing emails in Office 365.

TEACHING EXPERIENCE

Teaching Assistant for Algorithmic Mechanism Design (CS4261/CS5461, Fall 2018), NUS.
Teaching Assistant for Introduction to AI (CS3244, Spring 2018), NUS.
Teaching Assistant for Programming Language Concepts (CS2104, Fall 2017), NUS.

PUBLICATIONS

Threshold Task Games: Theory, Platform and Experiments. K Gal, **TD Nguyen**, QN Tran, Y Zick. *International Conference on Autonomous Agents and Multi-Agent Systems, AAMAS 2020.*
Resource Based Cooperative Games: Optimization, Fairness and Stability. **TD Nguyen**, Y Zick. *Symposium on Algorithmic Game Theory, SAGT 2018.*
Fast Genetic Algorithms. B Doerr, HP Le, R Makhmara, **TD Nguyen**. *Genetic and Evolutionary Computation Conference, GECCO 2017.*

SKILLS

Languages: Vietnamese: Native; English: TOEFL: 111 (2020); French: TCF: C1 (2017).
Programming: Proficient in Python (scikit-learn, PyTorch), Java.