

Le Quang Dung

Nationality: Vietnamese
Date of birth: 01/10/1999
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EDUCATION

École Polytechnique

Cycle Ingénieur (Master of Science degree), specialising in Computer Science.
GPA: 3.77/4.0.

Paris, France

9/2021–now

VNU University of Science

B.S. in Mathematics (Talent Program), specialising in Probability.
GPA: 3.84/4.00, Ranking: 3/1307.

Hanoi, Vietnam

9/2017–8/2021

- Thesis: “The Total Variance Distance between Random Variables”.

Lam Son High School for the Gifted Student

High School Diploma.
GPA: 8.7/10.0.

Thanh Hoa, Vietnam

9/2014–5/2017

EXPERIENCE

VNU University of Science, Department of Probability and Statistics

Student Research

Hanoi, Vietnam

9/2019–8/2021

- Research about some important results and new methods in Probability and its application in Statistics

Club of Learning Mathematics with Jenny

Tutor

Hanoi, Vietnam

8/2018–9/2020

- Training the students to prepare to the Vietnam National Mathematics Olympiad

PUBLICATIONS

- [1] Khang Le, Dung Q Le, Huy Nguyen, Dat Do, Tung Pham, and Nhat Ho. “Entropic Gromov-Wasserstein between Gaussian Distributions”. In: *Proceedings of the 39th International Conference on Machine Learning*. Vol. 162. Proceedings of Machine Learning Research. PMLR, 17–23 Jul 2022, pp. 12164–12203.

PROJECTS

- **Discussion of Artificial Intelligence in video game** 8/2022 - now
 - Develop through deep learning solutions aimed at extending the possibilities of player interaction within video games using voice.
- **Malliavin’s calculus, Stein’s method and its application in Probability** 8/2020–6/2021
 - Researched the concept in Malliavin’s calculus, Stein’s method and implemented it to estimate the total variation distances in Statistics
- **The criteria of the convergence of a series of random variable** 8/2019–6/2020
 - Extended the Kolmogorov’s three-series theorem in the case of random fields.

SCHOLARSHIPS AND AWARDS

Eiffel Scholarship Campus France	8/2021 - 8/2024
The First Prize of Faculty and Second Prize in University The Student Research Compendium of VNU University of Science	5/2021
The First Prize in Analysis with highest score, and The First Prize in Algebra 2019 Vietnam Mathematics Olympiad for the Undergraduate Student	4/2019
The First Prize in Analysis with highest score 2018 Vietnam Mathematics Olympiad for the Undergraduate Student	4/2018
Gold Medal 57 th International Mathematics Olympiad	7/2017
First Prize with Highest Score 2017 Vietnam Mathematics Olympiad	1/2017
First Prize 2016 Vietnam Mathematics Olympiad	1/2016

LANGUAGES

- **Vietnamese:** Mother tongue
- **Chinese:** Full professional working proficiency
 - HSK6: 236/300 (level C2, in 2021)
- **English:** Professional working proficiency
 - TOEFL: 90/120 (in 2018)
- **French:** Professional working proficiency
 - TCF: B2 (in 2022)

SKILLS

- **OS:** MacOS, Linux, Window
- **Programming:** Python, Java, C++, R