

HOANG-BAO LE | Résumé

Personal

Data of Birth: November 4, 2000
University email: bao.le2@mail.dcu.ie
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Education

Dublin City University (DCU)
PhD Student of Computer Science in School of Computing 2024–2028
◦ **Supervisor:** Professor. [Cathal Gurrin](#) and Assistant Professor. [Liting Zhou](#).

Ho Chi Minh University of Science (HCMUS)
Bachelor of Science in Mathematics and Computer Science, Honor Program. 2019–2023
◦ **Major:** Data Science.
◦ **Supervisor:** Associate Professor. [Binh Thanh Nguyen](#) and Dr. [Man Minh Ngo](#).
◦ **GPA:** 8.90/10.0 (3.65/4.0).
◦ **Bachelor thesis:** Aspect-Based Sentiment Analysis and Its Span Detection by Generative Model and Instruction.

Research Experience

AISIA Research Lab
Researcher 2021–2023
◦ Research topics: Sentiment Analysis, Hate Speech Detection and Named Entity Recognition.

ADAPT Centre
Researcher 2024–now
◦ Research topics: Lifelog.

Research Interests

I have experiences in both Computer Vision (CV) and Natural Language Processing (NLP). My current interest is about Lifelog and Large Language Models (LLMs) in Medical.

Publications

- **Bao Le**, Thi Quynh Pham, Anh Thi Van Hoang and Binh T. Nguyen [OphNER: Named Entity Recognition for Ophthalmology Newspapers](#) In Proceedings of the 15th IEEE International Conference on KNOWLEDGE AND SYSTEMS ENGINEERING.
- Dat Q. Duong, Tuan-Anh Tran, Phuong Nhi Nguyen Kieu, Tien K. Nguyen, **Bao Le**, Stephen Baker, Binh T. Nguyen [A Deep Learning Approach to Segment High-Content Images of the E.coli Bacteria](#) In Advanced Concepts for Intelligent Vision Systems Conference 2023.
- Phuc Nguyen, Linh G. H. Tran, **Bao H. Le**, Thuong H. T. Nguyen, Thu Nguyen, Hien D. Nguyen, Binh T. Nguyen [Faster Imputation Using Singular Value Decomposition for Sparse Data](#) In Proceedings of the 15th Asian Conference on Intelligent Information and Database Systems.
- Thuong H. T. Nguyen, **Bao Le**, Phuc Nguyen, Linh G. H. Tran, Thu Nguyen, Binh T. Nguyen [Principal Components Analysis based Imputation for Logistic Regression](#) In Proceedings of the 36th International Conference on Industrial, Engineering Other Applications of Applied Intelligent Systems.
- **Bao Hoang Le**, Hoang Minh Nguyen, Nhi Kieu-Phuong Nguyen, Binh T. Nguyen [A New Approach for Vietnamese Aspect-Based Sentiment Analysis](#) In Proceedings of the 14th IEEE International

- Conference on KNOWLEDGE AND SYSTEMS ENGINEERING.
- o Khanh Quoc Tran, An Tran-Hoai Le, An Trong Nguyen, Tung Tran Nguyen Doan, Son Huynh Thanh, **Bao Le Hoang**, Hoang Nguyen Minh, Triet Minh Thai, Hoang Le Huy, Dang T. Huynh, Binh T. Nguyen, Nhi Y. T. Ho and Trung T. Nguyen. ***SEND: A Simple and Efficient Noise Detection Algorithm for Vietnamese Real Estate Posts*** In Proceedings of the 36th Pacific Asia Conference on Language, Information and Computation.
 - o Son Huynh; Khiem Le; Nhi Dang; **Bao Le**; Dang Huynh; Binh T. Nguyen; Trung T. Nguyen; Nhi Y. T. Ho. ***Named Entity Recognition for Vietnamese Real Estate Advertisements*** In Proceedings of the 8th NAFOSTED Conference on Information and Computer Science.

Honors and Awards

Advanced youth follow President Ho Chi Minh’s wills Certificate 2023

Runner-Up Best Paper Award 2022
for paper *A New Approach for Vietnamese Aspect-Based Sentiment Analysis* at KSE Conference

1st Runner-Up Best Paper Award in Computing 2022
for paper *SEND: A simple and efficient noise detection algorithm for Vietnamese real estate posts* at PACLIC Conference

Odon Vallet Scholarship for undergraduate students in the South Region 2022

Other Activities

Summer School on Mathematics, Summer School Data Science
Student at Summer School organised by Vietnam Institute for Advanced Study in Mathematics (VIASM). 2023

Star Education
Teacher Assistant 08/2021–05/2022

Mathematical Reflection - an article of Titu Andresscu.
Solve problems and be named in this article 06/2021–10/2022
From No.3, 2021 - No.5, 2022.

Faculty of Mathematics and Computer Science Academic Club
Vice President 2019–2021

- o Organize the Mobius contest - an offline contest attracting over 100 students in Ho Chi Minh City.
- o Open the Chess and Chinese chess for students.

Technical skills

Programming Languages: Python, SQL, Matlab, R, \LaTeX .
Languages: Vietnamese (Native), English (IELTS 6.5), French (Beginner).