Bao Hoang Le | Curriculum Vitae

(032) 729 2028 - (035) 423 4501 ● ✉ lehoangbao411@gmail.com

Education

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, PhD. Man Minh Ngo.
- GPA: **8.84/10.0 ($\approx$ 3.62/4.0)**.
- Bachelor thesis: Aspect-Based Sentiment Analysis and Its Span Detection by Generative Model and Instruction.

Research Experience

AISIA Research Lab

Research Intern.   *2021–now*

- Research topics: Sentiment Analysis and Named Entity Recognition.
- Skill gained: Annotating labels for both images and texts. Preparing and writing for a paper.

Research Interests

My current interests are about aspects of Natural Language Processing (NLP). At AISIA Research Lab, I am guided to annotate and create corpora for Name Entity Retrieval task. In the future, I am going to follow researching some aspects in NLP such as Sentiment Analysis, Emotion Detection, Named Entity Recognition and Data Imputation.

Publications

- 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.
- 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.

- 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*

Consolation prize *in the contest Sang mai ten Nguoi* *2021*
A team contest organized by Ho ChiMinh Communist Youth Union of HCMUS.

Third prize *in Dau si Coder – Dau truong cong nghe FPT Techday* *2020*
A coding competition contest organized by FPT and Codelearn.

Other Activities

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

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

Summer School on Mathematics, Summer School Data Science
Student at Summer School organised by Vietnam Institute for Advanced Study
in Mathematics (VIASM). *2022, 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.

Technical skills

System: Windows.

Programming Languages: Python, SQL.

Software: LaTeX, Microsoft Offices.

Languages

Vietnamese: Native.

English: IELTS 6.5.

Referees

Assoc. Prof. Binh Thanh Nguyen

Head of Department of Computer Science

Faculty of Mathematics and Computer Science, the University of Science, Vietnam National University in Ho Chi Minh City, Vietnam.

- Email: ngtbinh@hcmus.edu.vn.
- Google Scholar: https://scholar.google.com/citations?user=dXEb3PMAAAAJ.

Dr. Man Minh Ngo

Lecturer of Department of Computer Science

Faculty of Mathematics and Computer Science, the University of Science, Vietnam National University in Ho Chi Minh City, Vietnam.

- Email: nmman@hcmus.edu.vn.
- Google Scholar: https://scholar.google.com.vn/citations?user=tshz60MAAAAJ.