

Nationality: Vietnamese

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Full resume: <https://tramtran2496.github.io/my-resume/>

Tram Tran Thi Ngoc

Education

University of Melbourne

- **Master of Computer Science**
- *Focus on Artificial Intelligence domain*
- March 2021 - November 2022
- WAM: **81.00/100**

Ho Chi Minh city
University of Technology

- **Bachelor of Engineering - Honor Program**
- *Major: Computer Science*
- Accredited by ABET
- September 2014 - June 2018
- GPA: **8.37/10** (ranking in top 5% intake 2014)

Research

Research Interests

Machine Learning

- Anomaly Detection for Time Series Data
- Computer Vision
- Human-centered Data Science.

Research Experiences

Anomaly detection in
malaria surveillance data

- *Research Project*
- *Mentor: Assoc. Prof. Nicholas Geard and Dr. Pauline Lin*
- March 2022 - November 2022
- Automatically detecting unexpected signals in malaria surveillance data
- Exploring techniques for anomaly detection in timeseries data

Research (continued)

- Using an integrated dataset collected in Brazil over the last two decades
- Music Genre Classification
- *Thesis*
 - *Mentor: MSc. Truong Quang Hai*
 - January 2018 - June 2018
 - Applying machine learning algorithms to categorise the music genre.
 - Accuracy rate: 0.83
 - Used artificial neural network, convolutional neural network, spectrogram of sound

Honors and Awards

- *Melbourne Graduate Scholarship*
 - 2022
 - <https://scholarships.unimelb.edu.au/awards/melbourne-graduate-scholarship>
 - *Melbourne School of Engineering Foundation Scholarship*
 - 2021 - 2022
 - <https://scholarships.unimelb.edu.au/awards/melbourne-school-of-engineering-foundation-scholarship>
- Vingroup Scholarship
- *Vingroup Science and Technology Scholarship Program for Overseas Study for Master's and Doctoral Degrees*
 - Master of Computer Science program at University of Melbourne; 2021 - 2022
 - *Vingroup* is one of the biggest private conglomerates in Asia.
 - *Vingroup Science and Technology Scholarship Program for Overseas Study* was established to find and develop talents for leading and advancing the development of science and technology in Vietnam.
 - Announcement: <https://scholarships.vinuni.edu.vn/>
- Microsoft Youthspark Scholarship
- 2016 - 2018

Honors and Awards (continued)

- *Microsoft Youthspark* is a scholarship for female students in technology. Beside financial support, the scholarship helps at soft skills such as time management, making decision and presentation.
- Announcement: <https://en.hocbongnusingh.com/microsoft-youthspark-scholarship-for-women-in-technologies-2018-2019.html>
- *Ho Chi Minh city University of Technology Scholarship for Academic Achievement*
- 2015, 2017, 2018

Work Experiences

- | | |
|------------------|---|
| Viet Nam Esports | <ul style="list-style-type: none">• <i>Software Engineer</i>• November 2018 - February 2021• React, React Hooks, Express, Node.JS, HTML5, CSS |
| VNG Corporation | <ul style="list-style-type: none">• <i>Software Engineer</i>• August 2017 - October 2018• Angular, Node.JS, HTML, CSS, Java |
| Smartdatatics | <ul style="list-style-type: none">• <i>Software Engineer Intern with salary</i>• June 2017 - August 2017• React, Express, Node.JS, HTML, CSS |

Technical skills

- | | |
|-----------------------|--|
| | <i>Skills</i> |
| Programming languages | <ul style="list-style-type: none">• Python - Data science libraries, Prolog, Haskell, C/C++, C#, Java, Scala; others: JavaScript, SQL |
| Collaborative skills | <ul style="list-style-type: none">• Self-learning, teamwork, research• <i>Agile Software Development with Scrum</i> issued by Axon Active Vietnam |
| | <i>Language proficiency</i> |
| English | <ul style="list-style-type: none">• IELTS Certificate with overall band 6.5 issued by IDP (Nov 2019) |

List of Academic Referees

Assoc. Prof.
Nicholas Geard

- School of Computing and Information Systems
- The University of Melbourne
- E-mail: nicholas.geard@unimelb.edu.au
- Supervisor for the research project in Master of Computer Science program

Prof.
Marianne Winslett

- Research Professor Emerita
- University of Illinois at Urbana-Champaign
- E-mail: winslett@illinois.edu
- Interviewer and advisor in Vingroup Scholarship program

Assoc. Prof.
Pham Tran Vu

- Dean, Faculty of Computer Science and Engineer
- Ho Chi Minh city University of Technology, Vietnam
- E-mail: ptvu@hcmut.edu.vn
- Lecturer in Bachelor of Engineering program

MSc.
Truong Quang Hai

- Department of Information Systems, Faculty of Computer Science and Engineer
- Ho Chi Minh city University of Technology, Vietnam
- PhD. student at Singapore Management University (SMU), Singapore
- E-mail: qhtruong.2018@phdcs.smu.edu.sg
- Supervisor for the thesis in Bachelor of Engineering program