

Nationality: Vietnamese

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# Tram Tran Thi Ngoc

## Education

University of Melbourne

- **Master of Computer Science**
- *Artificial Intelligence*
- March 2021 - November 2022

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*

Data Science

- Data mining, Human-centered data science.

Machine Learning

- Deep learning, Computer Vision, Fairness in Machine learning, Bioinformatics.

### *Research Experiences*

Music Genre

Classification

- *Thesis; Mentor: MSc. Truong Quang Hai*
- January 2018 - June 2018
- Applying machine learning algorithms to categorize the music genre.
- Accuracy rate: 0.83
- Used artificial neural network, convolutional neural network, spectrogram of sound

## Honors and Awards

- The Melbourne School of Engineering Scholarship
  - 2021 - 2022
- 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://vinuni.edu.vn/masters-ph-d/announcement-2/>
- Microsoft Youthspark Scholarship
- 2016 - 2018
  - *Microsoft Youthspark* is a scholarship for female students in technology. Beside financial support, the scholarship helps at soft skills like time management, making decision and presentation.
  - Announcement: <http://en.hocbongnusingh.com/microsoft-youthspark-scholarship-women-technologies-2.html>

## Work Experiences

- Viet Nam Esports
- *Software Engineer*
  - November 2018 - February 2021
  - React, React Hooks, Express, Node.JS, HTML5, CSS
- VNG Corporation
- *Software Engineer*
  - August 2017 - October 2018
  - Angular, Node.JS, HTML, CSS, Java
- Smartdatatics
- *Software Engineer Intern with salary*
  - June 2017 - August 2017
  - React, Express, Node.JS, HTML, CSS

## Skills

### *Technical skills*

- Programming languages
- C/C++, C#, Python - Data science libraries, Prolog, Haskell, Java, Scala; others: JavaScript, SQL

### *Language proficiency*

- English
- IELTS Certificate with overall band 6.5 issued by IDP (Nov 2019)
  - Self-learning, teamwork, research

## List of Academic Referees

- Prof.  
Marianne Winslett
- Research Professor Emerita
  - University of Illinois at Urbana-Champaign
  - E-mail: winslett@illinois.edu
- Assoc. Prof.  
Pham Tran Vu
- Dean, Faculty of Computer Science and Engineer
  - Ho Chi Minh city University of Technology
  - A3 - 268 Ly Thuong Kiet, District 10
  - Phone: (+84-28) 38647256 (ext. 5850)
  - E-mail: ptvu@hcmut.edu.vn
- MSc.  
Truong Quang Hai
- Lecturer of 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.
  - Tel: +65 81784432
  - E-mail: qhtruong.2018@phdcs.smu.edu.sg