



# Hao Minh Van

## Computer Science

### Address

Texas Tech University,  
Lubbock, TX, USA

### Mail

minhhao97vn@  
gmail.com

### Web & Git

github.com/  
minhhao97vn

### OS Preference

Ubuntu ★★★★★  
Windows ★★★★★

### Languages

Vietnamese ★★★★★  
English ★★★★★

## Study Interest

To become a well-trained computer scientist working in the field of Software engineering, Machine learning and theoretical computer science.

## Education

- 2019 - now **Ph.D. student** Texas Tech University  
Computer Science
- 2015 - 2019 **B.Eng. in Computer Science, Honors program** Bach Khoa University  
**Main Courses:** Discrete Mathematics, Object-oriented Programming, Operating System, Database System, Computer Network, Principle of Programming Language, Artificial Intelligence, Data Mining, Machine Learning, Computer Vision and Image Processing, etc.  
**Cumulative GPA:** 8.05/10
- 2012 - 2015 **High school student** Luong Van Chanh High School for the gifted  
Mathematic class, some prizes in Informatics competitions.

## Experience

- 2019 - now **Research Assistant**  
*RA at IDV Lab, Department of Computer Science, TTU*
- 2019 **Work at Zalo**  
*Data scientist at Zalo.*
- 2018 **Internship at Zalo**  
*Software Development Collaborator at Zalo.*

## Summer School

- 2017 **Statistical modeling and applications** University of Science, VNU - HCM  
Topic: Bayesian models inference and statistical decision making
- 2018 **Bayesian statistics** University of Economic Ho Chi Minh City
- 2019 **Statistical learning : bagging, boosting, SVM, introduction to neural networks** VIASM

## Skills

**Programming Languages:** Javascript, R, C/C++, Java and Python with machine learning libraries: Keras, Sklearn, NLTK, D3.js, etc.

**Software:** Matlab,  $\text{\LaTeX}$ .

**Language:** English (basic communication, good at reading and writing).

## Projects

- Fall 2017     **LOS Prediction**     [Machine Learning self-study](#)  
• Predicting length of stay in hospital of patients using Machine Learning.  
• Cleaning, preprocessing and selecting data features.  
• Running and testing various model (SVM, Random Forest, etc).
- Spring 2018     **Car Parking Finder**     [Minathon Contest 2018](#)  
Design and implement a car parking finder system using Java and Android.
- Spring 2018     **Cellphone Price Prediction**     [Artificial Intelligence course](#)  
Predicting prices based on hardware information using Random Forest.
- Spring 2019     **HOPE**     [Minathon Contest 2019](#)  
An application for connecting donators to patients.
- Spring 2019     **Predicting cryptocurrency price movements based on social media and historical price**     [Graduate thesis](#)  
Crawling data, extracting social media features and predicting Bitcoin price movements.

## Honors & Awards

- 2014     **Bronze Prize, Traditional April 30<sup>th</sup> Olympic Contest in Informatics.**
- 2014     **1<sup>st</sup> Prize, Phu Yen Province Competition in Informatics for High School Students of 12<sup>th</sup> Grade.**
- 2018     **1<sup>st</sup> Prize, Minnathon Contest 2018, a hackathon contest held by atWare.**
- 2019     **2<sup>nd</sup> Prize, Minnathon Contest 2019, a hackathon contest held by atWare.**

## Social Activities

- 2015     **Member of BKIT Quiz, Academic Competition for Information Technology Students.**
- 2015 - 2017     **Member of BKU FC, Program for offering admissions and vocational consultancy to high school students.**

## Hobbies

Swimming, Traveling.

## Reference

Dr. Nguyen An Khuong  
Faculty of Computer Science and Engineering,  
Bach Khoa University, VNU-HCM  
268 Ly Thuong Kiet, Ward 14, Dist 10, HCMC  
Email Address: nakhuong@cse.hcmut.edu.vn