# Huyen Ngoc Nguyen

## Personal Information

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|---|---|
| Email | huyen.ngngoc@gmail.com |
| Skype | ngochuyenbkhn |
| Address | Tan Mai, Hoang Mai District, Hanoi, Vietnam |

## Education

**2018** **Bachelor of Science in Information Systems (5-year Engineering Program),** *School of Information and Communication Technology,* Hanoi University of Science and Technology, Hanoi.

CPA: 3.24/4 - Grade: Very Good        Highest GPA: 3.84/4

**2015** **International Student Exchange Program,** *Temasek Polytechnic,* Singapore.

**2010–2013** **High School Education,** *Thai Nguyen High School for Gifted Students,* Thai Nguyen.

Specialized subject: Physics        Average mark: 8.6/10

**2006–2010** **Secondary School Education,** *Quang Trung Secondary School,* Thai Nguyen.

## Achievements & Honors

**2016** **University Scholarship,** *for excellent achievement in academic year: 2016–2017,* Hanoi University Of Science and Technology, Hanoi.

**9-12/2015** **Certificate of Participation,** *Full scholarship for Student Exchange Program in Singapore,* Temasek Foundation Specialists' Community Action and Leadership Exchange (TF SCALE), Singapore.

Project: Mobile application for a Singapore trail.

**11/2013** **Certificate of Achievement,** *for excellent achievement in National Olympiad and University Entrance Examination,* Committee on Ethnic Minority Affairs, Vietnam.

**3/2013** **Honourable Mention in National Olympiad,**
Level of recognition: National.

**9/2012** **Odon Vallet Scholarship,** *for excellent achievement in study,* Rencontres du Vietnam.

**8/2012** **Gold Medal,** *Physics category,* Hung Vuong Olympiad.
Contest for best students from 15 high schools for the gifted in the north of Vietnam
Level of recognition: Northern Vietnam.

**8/2011** **Gold Medal,** *Physics category,* Hung Vuong Olympiad.
Contest for best students from 15 high schools for the gifted in the north of Vietnam
Level of recognition: Northern Vietnam.

## Experience

### Research

2016–2018    **Research group,** *Data Science Lab,* Hanoi University of Science and Technology, Hanoi.
Research: Object recognition - Image processing.

### Vocational

2016    **Summer Intern,** *VCCorp.* Hanoi.
o Learned about Hadoop, HDFS System and Apache Spark.

## Extracurricular Activities

6/2016    **Certificate of Participation,** *ECORED LOGO Design Competition within the project ECO-RED,* European quality Course system for Renewable Energy Development, Co-funded by the Erasmus+ Programme of the European Union.

10/2015    **Certificate of Completion,** *The Leader in Me workshop,* Temasek Foundation Specialists' Community Action and Leadership Exchange (TF SCALE), Singapore.

4/2015    **Volunteer,** *The 20$^{th}$ International Conference on Database Systems for Advanced Applications (DASFAA)*, Hanoi University Of Science and Technology, Hanoi.

11/2014    **Volunteer,** *The 16$^{th}$ International Conference on Information Integration and Web-based Applications & Services (iiWAS)* and *The 5$^{th}$ Symposium on Information and Communication Technology (SoICT)*, Hanoi University of Science and Technology, Hanoi.

4/2014    **Blood donors,** National Hematology Institute, Hanoi.

## Skills & Background Knowledge

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|---|---|
| Basic | Matlab, Java |
| Intermediate | Python, C/C++, LATEX, Linux, HTML, JavaScript, Corel DRAW, Git |
| Advanced | Microsoft Office |

## Research Interests

Data Science, Computer Animation
Machine Learning, Computer Vision

## Languages

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|---|---|---|
| Vietnamese | Mothertongue | |
| English | Good | *IELTS: 7.0 (11/2017)* |
| Spanish | Basic | *Familiar* |

## Publications

[1] Minh T. Nguyen, Huyen N. Nguyen, Keith A. Teague, "Wavelet-based Energy Efficient Data Collection Algorithm in Wireless Sensor Networks," *ICSES Transactions on Computer Networks and Communications (ITCNC)*, In Press, pp. 1-7, Apr. 2018.