



VU ANH VAN

Address: Hau Loc district, Thanh Hoa province, Vietnam

Mobile phone: (+84)981592720

Email: anhvan195.th@gmail.com / vuanhvan@kaist.ac.kr

Linkedin: <https://www.linkedin.com/in/van-vu-474a19143>

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EDUCATION

2013-2018

Engineer Degree in Control Engineering and Automation

School of Electrical Engineering (SEE), Hanoi University of Science and Technology (HUST), Vietnam

- CPA: **8.35/10.0** (via 157 credits).
- Rank: **12/530** (top 2.2%).
- Thesis: *Novel LoRa Network based Intelligent Irrigation System for Greenhouse.*

2019-2020

Master of Science Degree

School of Electrical Engineering (SEE), Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea.

- CPA: **88.66/100.0** (via 35 credits).
- Thesis: *A study on Spatial Relationship Estimation Model for Moving Object in Crowdsourcing Environment.*

Jan – March 2020

Certificate of Machine Learning Course.

Certificate of Neural Network and Deep Learning Course.

Stanford University and Coursera

- Lecturer: [Prof. Andrew Ng](#)
- Verify:
<https://coursera.org/share/e482fbf20c468ebad7264a15996d60d>
<https://coursera.org/share/0e8e52ea717faad3976226cbcd75a4ff>

Certificate of Convolutional Neural Network in TensorFlow Course

Google Brain and Coursera

- Lecturer: [Laurence Moroney](#)
- Verify:
<https://coursera.org/share/d23181de1ec9ec5e98e237649f204023>

PUBLICATIONS

1. **Van Anh Vu**, Tuan Christian TRUVANT, Dong Cong Trinh, Thanh Dang Bui, Design of automatic irrigation system for greenhouse based on LoRa technology. In 2018 IEEE International Conference on Advanced Technologies for Communications (ATC), Ho Chi Minh City, 2018, pp. 72-77.
2. Quach Luyl-Da, Nghia Duong-Trung, **Anh-Van Vu**, and Nguyen Chi-Ngon, Recommending the Workflow of Vietnamese Sign Language Translation via a Comparison of Several Classification Algorithms. In International Conference of the Pacific Association for Computational Linguistics (pp. 134-141). Springer, Singapore.
3. **Van Anh Vu**, Hung Khac Le, Hien Van Nguyen, Thanh Bui Dang, WiFi Network based intelligent irrigation system, *Automation Today Journal, Vietnam*, June 2017.

AWARDS AND SCHOLARSHIPS

- KAIST International Student Scholarship 2019-2020.
- Digicosme Scholarship 2020.
- **Academic Incentive Scholarships** of HUST for excellent students from 2013 to 2017.
- **Excellent Application Award** in “The 2016 – 2017 student competition on scientific research” held by School of Electrical Engineering, HUST.
- **Award** “Student with five good merits of HUST”, 2017.
- **Exchange scholarship** with Temasek Polytechnic by Temasek Foundation, Singapore, 2017.
- **Exchange Program** with Innsbruck University, Austria, 2017.
- **Scholarship** for “Project Based Learning” course by Shibaura Institute of Technology, Japan, 2016.
- **Japanese Scholarship** for excellent student of School of Electrical Engineering, HUST by VIJA LINK.

WORKING EXPERIENCE

Feb 2019 – Feb 2020	<p>Research Assistant</p> <p>Network and Computing Lab, Korea Advanced Institute of Science and Technology (KAIST)</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• Deep Learning and Computer Vision for Smart City• Distributed Computing
March 2018 – Feb 2019	<p>Electrical Engineer</p> <p>Back Khoa Consultancy and Technology Transfer One Member Company Limited</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• Participated in “Investment in Development of High-Quality Vocational Training schools in Vietnam” project funded by Agence Française de Développement – AFD.
Sep 2017 – Feb 2019	<p>Teaching Assistant (TA)</p> <p>School of Electrical Engineering, HUST</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• EE1010: Introduction to Electrical Engineering (2017 – 2018) by Prof. BUI Dang Thanh• EE3600: Industrial Measurement & Control Systems (2018 – 2019) by Prof. BUI Dang Thanh
June 2017 – Sep 2017	<p>Internship</p> <p>Viettel R&D, Army Telecommunication Industry Corporation (Viettel Group)</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• Window Application Programming
June 2016 – Feb 2019	<p>Research Assistant</p> <p>ICEA Network Lab, Institute for Control Engineering and Automation, HUST</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• Deep Learning and Computer Vision• Wireless Sensor Network based on LPWAN (Low-Power Wide-Area Network).• Embedded System and Internet of Things
2016	<p>Internship</p> <p>ELANI Technology Solution Joint Stock Company</p> <p><i>Subjects:</i></p> <ul style="list-style-type: none">• <i>Design Smart Home and Building Management System (BMS)</i>

REFERENCES

Bui Dang Thanh, Ph.D.
Vice Director, Institute for Control Engineering and Automation
Professor, School of Electrical Engineering, Hanoi University of Science and Technology
E-mail: thanh.buidang@hust.edu.vn / buidangthanh.ee.hust@gmail.com

Nguyen Thi Lan Huong, Ph.D.

Vice Dean, School of Electrical Engineering, Hanoi University of Science and Technology
Professor, School of Electrical Engineering, Hanoi University of Science and Technology
E-mail: huong.nguyenthilan@hust.edu.vn / xhuong716511@gmail.com

Nguyen Hoang Nam, Ph.D.

Researcher, Institute for Control Engineering and Automation
Professor, School of Electrical Engineering, Hanoi University of Science and Technology
E-mail: nam.nguyenhoang@hust.edu.vn / nam.nguyenhoang.hust@gmail.com

SKILLS

- Programing Language**
 - Assembly, C, C++, C#, Python, Node JS, React JS, Matlab/Simulink, SQL, LaTeX.
- Library**
 - Tensorflow, Pytorch, Scikit-learn, OpenCV, Numpy, Pandas, etc.
- Technical skills**
 - Full Stack Web Design, Window App Design, Embedded System, PCB Design.
- Office Tools**
 - MS Word, Excel, PowerPoint, Visio.

RESEARCH INTERESTS

- Deep Learning and Computer Vision
- Embedded System and Internet of Things
- Distributed Computing

LANGUAGES

- English: TOEIC 810/990
- Vietnamese: Native
- Korean: Elementary
- Japanese: Elementary

MEMBERSHIP AND ACTIVITIES

- Participated in "The 2017 Asia-Oceania Top University League on Engineering Student Conference".
- Participated in "The 2017 HUST Scientific Research Conference".
- Participated in "Sustainable Development" project held by Singapore National Kidney Foundation and Temasek Polytechnique, Singapore, 2017.
- Member of School of Electrical Engineering Volunteer Team.