



VU ANH VAN

Address: Da Loc commune, Hau Loc district, Thanh Hoa province, Vietnam

Mobile phone: (+84)981592720

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

Website: <https://vanbk.github.io>

Last update: Sept 19th, 2022

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 Automatic Irrigation System for Greenhouse.*

2019-2020

Master of Science Degree

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

- 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. **Anh-Van Vu**, Dong-Soo Han, An IoT Based Approach for Platform Independent Positioning Service. In 2022 International Conference on Indoor Positioning and Indoor Navigation (IPIN), 5 - 7 Sep. 2022, Beijing, China.
2. **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.
3. 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.

4. **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

Sep 2020 – The Present

Researcher

Intelligent Service Integration Lab., School of Computing, KAIST

Subjects:

- Indoor and Outdoor Integrated Positioning Technology
- Embedded System and Internet of Things

Feb 2019 – July 2020

Research Assistant

Network and Computing Lab., School of Electrical Engineering, KAIST

Subjects:

- Deep Learning and Computer Vision
- Distributed Computing

March 2018 – Feb 2019

Electrical Engineer

Back Khoa Consultancy and Technology Transfer One Member Company Limited

Subjects:

- Automation, Network and Telecommunication, and Green Power System for training

June 2016 – Feb 2019

Research Assistant

ICEA Network Lab, Institute for Control Engineering and Automation, HUST

Subjects:

- Deep Learning and Computer Vision
- Wireless Sensor Network based on LPWAN (Low-Power Wide-Area Network)
- Embedded System and Internet of Things

June 2017 – Sep 2017

Internship

Viettel R&D, Army Telecommunication Industry Corporation (Viettel Group)

Subjects:

- Window Application Programming

2016

Internship

ELANI Technology Solution Joint Stock Company

Subjects:

- *Smart Home and Building Management System (BMS)*

SKILLS

Programing Language

- Assembly, C, C++, C#, Python, Node JS, React JS, Matlab/Simulink, SQL, LaTeX.

Library

- Tensorflow, Pytorch, Keras, 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.

LANGUAGES

- English: TOEIC 800/990
- Vietnamese: Native
- Korean: Elementary

REFERENCES

Dong-Soo Han, PhD

Professor, School of School of Computing, KAIST

E-mail: dshan@kaist.ac.kr

Bui Dang Thanh, PhD

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, PhD

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

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.