NGUYEN VAN LINH

AI engineer

Date of birth: April 03, 1997

Gender: Male

Phone: (

Email:

Address: Thanh Hoa, Vietnam

Website:

OBJECTIVE

A highly creative individual with a degree of engineer, skills, and past work experience seek admission to your company:

- On-going joining Master of Science (MSc) program of AI algorithms for image, LiDAR, and time-series data in WicomAI laboratory, Kookmin University.
- Research and study in Korea with experience in Communication and AI technology.
- Ability to quickly grasp any new technologies and concepts.
- Effective in working independently and collaboratively in teams.

EDUCATION

Mar 2021 - Feb 2023

KOOKMIN UNIVERSITY (KMU)
MSc in Electronic Engineering
GPA: 4.19/4.5 (9.31/10)

Aug 2015 - Jul 2020

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY (HUST)
The degree of engineer in Control Engineering and Automation
GPA: 2.93/4 (7.61/10)

EXPERIENCES

Jun 2018 - Jul 2020

INTERNET OF THING LABORATORY (IoT Lab), HUST
Research Intern
- Research on IoT system, embeded system.
- Develop the Optical Camera Communication system (Visible light communication system)

Aug 2020 - Feb 2021

CANON VIETNAM CO.,LTD.
Automatic Engineer
- Design and develop the software to check the function of the circuit board in the printer.

Mar 2021 - Feb 2023

WIRELESS COMMUNICATIONS AND ARTIFICIAL INTELLIGENCE LAB (WiComAI Lab), KMU
MSc program
- Study and Research in AI (Machine Learning and Deep Learning for image processing, Time Series Prediction, 3D LiDAR data)

- Design and Develop the Optical Camera Communication based on Deep Learning and Computer Vision (with Jetson Nano Kit, Rasberry Pi, etc)
- Support Artificial Intelligence of Things (AIoT) project.

SKILLS

Programming Languages:	Python, C/C++, LabVIEW
AI Framework	Scikit-Learn, Keras, TensorFlow, PyTorch
Software	Visual Studio Code, Altium Designer, LabVIEW.
Office Information	Word, Excel, Powerpoint, Visio
Language	English

REFERENCES

- Ph.D Nguyen Hoang Nam
Dean of Automatic Control Department of Hanoi University of Science and Technology.

HONORS & AWARDS

University Scholarship

- University Scholarship in 1st semester and 7th, 8th semester by HUST
- Scholarship for Excellent Foreign Student by KMU
- Award for Academic Excellence by KMU

PUBLICATIONS

- Nguyen, V.L.; Tran, D.H.; Nguyen, H.; Jang, Y.M. An Experimental Demonstration of MIMO C-OOK Scheme Based Communication System. Appl. Sci. **2022**, 12, 6935.

.; Jang, Y.M. Self- ly Detection in Industrial Internet of Things. Electronics **2022**, 11, 2146.

- Huy Nguyen; **Van Linh Nguyen;** Duc Hoang Tran; Yeo for Optical Camera Communication Considering Mobility Environment Based on Deep Learning. Applied Sciences **2022**, 12, 8269 .
- **Nguyen, V.L.**; Tran, D.H.; Jang, Y.M. Design and Implementation of Deep Learning-basedOCC system with Computer Vision. The 32nd Joint Conference on Communications and Information (JCCI), **2022**
- **V. L. Nguyen**, D. H. Tran, H. Nguyen and Y. M. Jang, "Human Activity Detection based on Infrared Array Sensor using Advanced Deep Learning Technique," 2022 13th International Conference on Information and Communication Technology Convergence (ICTC), **2022**, pp. 2149-2151, doi: 10.1109/ICTC55196.2022.9952482.
- D. H. Tran, **V. L. Nguyen**, I. B. K. Y. Utama and Y. M. Jang, "An Improved Sensor Anomaly Detection Method in IoT System using Federated Learning," 2022 Thirteenth International Conference on Ubiquitous and Future Networks (ICUFN), **2022**, pp. 466-469, doi: 10.1109/ICUFN55119.2022.9829561.
- H. Nguyen, D. H. Tran, **V. L. Nguyen** and Y. M. Jang, "Design and Implementation of Deep Learning for MIMO C-OOK Scheme-based Optical Camera Communication," 2022 13th International Conference on Information and Communication Technology Convergence (ICTC), **2022**, pp. 1905-1908, doi: 10.1109/ICTC55196.2022.9952544.
- D. H. Tran, **V. L. Nguyen,** I. B. K. Y. Utama and Y. M. Jang, "An Improved Sensor Anomaly Detection Method in IoT System using Federated Learning," 2022 Thirteenth International Conference on Ubiquitous and Future Networks (ICUFN), **2022**, pp. 466-469, doi: 10.1109/ICUFN55119.2022.9829561.
- D. H. Tran, **V. L. Nguyen**, H. Nguyen and Y. M. Jang, "Short-term Solar Power Generation Forecasting using Edge AI," 2022 13th International Conference on Information and Communication Technology Convergence (ICTC), **2022**, pp. 341-343, doi: 10.1109/ICTC55196.2022.9952746.