

Nhung Nguyen

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Education

- UET - University of Engineering Technology, Ha Noi, Viet Nam, VNU** May 2015
Bachelor of Information Technology HaNoi
- **Relevant Coursework:** Data Structures and Algorithms (C++), Intro to CS II (C++), Database (SQL)
- UET - University of Engineering Technology, Ha Noi, Viet Nam, VNU** December 2018
Master of Software Engineering HaNoi
- **Relevant Coursework:** artificial Intelligence , Machine Learning, Computer
- MyongJi University, South Korea** February 2023
PhD in Electronics Engineering Yongin, Korea
- **Relevant Coursework:** Computer Vision , Machine Learning for cyber security, Advance Blockchain

Experience

- NTT Data Viet Nam** February 2015 – December 2015
Software Engineer Ha Noi
- Designed the Java website with Spring, Strust Framework
 - Optimized MySQL database queries
- Viet Tri University of Industry** January 2016 - March 2020
Lecturer Viet Tri
- Teaching courses: web development, SQL programing
 - Researcher
- MyongJi University** February 2020 - March 2023
Research Assistant Yongin, Korea
- Research about AI, deep learning

Publications

- Detection of ransomware attacks using federated learning based on the CNN model **Hong Nhung - Nguyen**, Ha - Thanh Nguyen, Damien Lescos (2024) preprint, 10.48550/arXiv.2405.00418
- DDoS attack detection and mitigation using deep neural network in SDN environment, Vanlalruata Hnamte, Ashfaq Ahmad Najar **Hong Nhung - Nguyen** , Jamal HussainYong, Manohar Naik S Computers Security (ISI) . (2023)
- A Novel Two-Stage Deep Learning Model for Network Intrusion Detection: LSTM-AE Vanlalruata Hnamte, **Hong Nhung - Nguyen** , Jamal HussainYong, Yong-Hwa Kim IEEE Access (ISI) . (2023)
- Deep-Learning Based Post-Event Analysis in PowerSystems, Junho Hong, Yong-Hwa Kim, **Hong Nhung-Nguyen** , Jaerock Kwon, Energy, ISSN 1996-1073 (ISI). (2022)
- A deep neural network to identify Vacuum Degree based on Partial Discharge Measurement **Hong Nhung-Nguyen**,Young-Woo Youn, Yong-Hwa Kim, IEEE Access ISSN 2169-3536 (ISI). (2022)
- One-Shot Learning-Based Driver's Head Movement Identification Using Millimeter-Wave Radar Sensor, **Hong Nhung - Nguyen**, Seongwook Lee, Tien Tung - Nguyen, Yong-Hwa Kim, IET radar, Sonar Navigation, ISSN 1751-8792 (ISI). (2022)
- Performance Evaluation of Downlink Multiple Users NOMA-enable UAV-aided Communication Systems over Nakagami-m Fading Environments,Thu Thuy - Dao Thi, Sang Quang Nguyen, **Hong Nhung - Nguyen**, Phu Xuan Nguyen , Yong-Hwa Kim IEEE Access ISSN 2169-3536 (ISI). (2021)
- Semi-Supervised GAN for Road Structure Recognition of Automotive FMCW Radar Systems, The Duong -Do , **Hong Nhung-Nguyen**, Duc Anh Pham, Yong-Hwa Kim, 2021 IEEE RIVF International Conference on Computing and Communication Technologies (RIVF) , Ha noi, Viet Nam