



Nguyễn Như Chiến

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CAREER OBJECTIVE

- Become an expert in Machine learning, Embedded System
- Work in an international and professional environment to expand relationships and get more experience and skills when working in big projects.

EDUCATION

August 2014 - June 2018	Bachelor of Engineering at Ha Noi University of Science and Technology Major: Control Automation GPA: 3.07/4
September 2020 - Present	Master at Soongsil University, South Korea Major: Information Communication 4.26/4.5

WORK EXPERIENCE

Sep 2020 - Present	Smart System Network Laboratory Research Assistant Main responsibilities: <ul style="list-style-type: none">-- Research and Develop Machine learning-based network intrusion detection systems on cloud, (Software-Defined Network) SDN-based system Achievements and skills gained: <ul style="list-style-type: none">- SDN-based network Developing- Gain the knowledge and programming skills of some Machine learning, Deep learning Algorithms- Gain "data analysis by python programming" skills
June 2018 - August 2020	Fpt Software C++ Software engineer Main responsibilities: <ul style="list-style-type: none">- Develop and maintain the software for a embedded system used in Logistics Achievements and skills gained: <ul style="list-style-type: none">- Object-Oriented Programming technique

- Have the ability to design a software program followed Singleton Pattern
- Multi threading programming technique
- Have the ability using QT framework to design Human-machine interface for embedded systems

December 2017 - April 2018

Panasonic R&D Center Viet Nam

Internship

Main responsibilities:

- Research and develop the PoC project of IoT and Blockchain

Achievements and skills gained:

- Using Java Script to write the smart contracts for a blockchain network.
- Have knowledge of Blockchain, permission blockchain, using framework Hyperledger Fabric to design a blockchain network

March 2017 - December 2017

Viet Nam Academic of Science and Technology

Internship

Main responsibilities:

- Research and develop new control algorithms (Self-tuning Fuzzy PID, Adaptive Sliding Mode Control Based on Fuzzy algorithm) for Electro-Optical Tracking System which has the object-tracking mission.
- Research and develop new control algorithms for 4-Wheel Omnidirectional robot to do different tasks such as tracking object, moving along trajectory

Achievements and skills gained:

- Good in C, C++, Matlab language
- Embedded C programming for AVR microcontroller.
- Have knowledge of Image processing, using open cv library fluently
- Have knowledge of some modern control algorithms such as fuzzy logic control, sliding mode control.

HONORS & AWARDS

2022

Paper "Optimizing Resource Scaling in Network Slicing" is awarded as Best Paper Award in International Conference on Information Networking (ICOIN) 2022

May-2018

Third Prize at Scientific Research Contest for Excellent Students with project "Research and Develop CNNs model for automatic path planning mission of Self-Driving car"

2015, 2017

Scholarship for excellent students of Ha Noi University of Science and Technology in 2015 and 2017.

ACTIVITIES

Sep 2014 - Jan 2018

BK-Ittec English club

Member of the content preparation team

- Prepare contents of each topic for the club's meeting every week
- Be the host of the club's meeting

SKILLS

English	- Fluent in listening, reading, speaking and good at writing english
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Programming Languages	<ul style="list-style-type: none">- 3-year-experience of Embedded C programming for AVR- 3-year-experience of C++ programming- 2-year-experience of Matlab language- 2-year-experience of Python programming for Deep learning applications
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Machine Learning Framework	<ul style="list-style-type: none">- 2-year-experience of TensorFlow/Keras- 1-year-experience of Pytorch
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Data Analysis Framework	- 2-year-experience of Scikit Learn, Pandas, Numpy, Matplotlib
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QT Framework	- 1-year-experience of QT Framework
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Team-Working	- 2-year- experience of working with a 10-member team following SCRUM protocol
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