Trung Kien **Ngo**

EARLY STAGE RESEACHER, WIRELESS COMMUNICATION ENGINEER · SYSTEM ANALYSIS

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Summary

Previous work experience in networking and wireless communication industry for more than two years. Skills include computer networking, analytical thinking, and creative problem-solving. Joined several projects to handle some challenging tasks related to system analysis and data analysis. During this time, I take every opportunity to participated in all event to develop my analytical and problem solving skill. Currently, I working on intelligent control unit based on reinforcement learning algorithm for hybrid network and exploring all the applications of that for next generation network.

Work Experience

VTT Technical Research Centre of Finland
Oulu, Finland

RESEARCH TRAINEE - AUTONOMOUS SYSTEMS CONNECTIVITY
Feb. 2019

- Researching and developing a solution for base station related to the spectrum sharing technology.
- Testing and assuring possible scenarios for spectrum sharing in a cellular network.

Ascent Communication Technology
Hanoi, Vietnam

WIRELESS COMMUNICATION ENGINEER
Jul. 2016

- Testing and developing the flow of equipment in CATV, DOCSIS system.
- Supporting customers in major technical issues.

Education

Università degli Studi di Palermo
Palermo, Italy

PH.D. IN INFORMATION AND COMMUNICATION TECHNOLOGIES
June. 2020

- Marie Skłodowska-Curie Early Stage Researcher in European Training Network in ENLIGHT'EM Project

University of Oulu
Oulu, Finland

M.SC. IN WIRELESS COMMUNICATION ENGINEERING
Mar. 2019

- Internship at Wireless Communication Engineer Department

Posts and Telecommunications Institute of Technology
Hanoi, Vietnam

B.E. IN ELECTRONICS TELECOMMUNICATION ENGINEERING
Feb. 2014

- Team member at Young Researcher Laboratory

Honors & Awards

2018	**3rd Prize**, Kickstart Oulu Finals 2018	*Oulu, Finland*
2018	**1st Prize**, Kickstart UniOulu Finals 2018	*Oulu, Finland*

Projects

ENLIGHT'EM - European Training Network in Low-Energy Visible Light IoT Systems
Palermo, Italy

EARLY STAGE RESEARCHER IN LOW-ENERGY VISIBLE LIGHT IOT PROJECT
June. 2020

- Develop and Implement the latest hybrid architecture for Visible Light Communication
- Research further development for Internet of Things application with Visible Light Communication

CORNET - Critical Operations over Regular Networks
Oulu, Finland

RESEARCHER PROJECT IN SPECTRUM SHARING TECHNIQUE IN 4G NETWORK
May. 2018 - Fer. 2019

- Develop and Implement the latest spectrum sharing technology
- Research further development for the next critical communication solution

Skills

Programming	Python, R, SQL, Matlab, Git, Linux, LaTeX, Docker - Beginner, Kubernetes- Beginner
Languages	Vietnamese, English - Advanced, Italian - Beginner