
KHOA NGUYEN

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SUMMARY OF QUALIFICATIONS

- More than two-year experience in the IT industry.
- PhD degree in Electrical and Computer Engineering.
- Background in Cloud computing, SDN, NFV, routing & switching, container technologies, network development & automation, and wireless networks.
- More than one-year research internship experience in parked vehicle edge computing framework for online task offloading.
- Experience with integration, problem-solving, and creative thinking.
- Familiarity with Linux, Git, C/C++, Python, MATLAB, Java.
- 11 publications including 3 journals and 8 reputable conference papers.

PROFESSIONAL EXPERIENCE

Instructor *Sept, 2013 - Sept, 2015*

Can Tho University of Technology, Can Tho City, Viet Nam.

Contributing to constructing the Electrical and Electronics Engineering Program and teaching the Electronic and Electrical Materials course.

Telecommunication Engineer *Mar, 2009 - Nov, 2010*

Viettel Telecom Company, Can Tho City, Viet Nam.

Main duties consist of monitoring, configuring, maintaining and resolving technological issues in the Network Operation Center.

Network Engineer (Work package) *Jun, 2008 - Mar, 2009*

Vietnam mobile services company (VMS-Mobifone) - Zone 3, Can Tho City, Vietnam.

The job includes monitoring, maintaining, resolving and collaborating with partners to solve technological issues in the Operation and Maintenance Center (O&M) as well as testing new mobile services.

EDUCATION

Ph.D. in Electrical and Computer Engineering *2015-2021*

Department of Systems and Computer Engineering, Carleton University, Canada.

M.Sc. in Telecommunications Engineering *2012 - 2013*

Faculty of Computer Science, University of Sunderland, UK.

B.Eng. Degree in Electronics and Telecommunication *2003 - 2008*

College of Engineering Technology, Can Tho University, Vietnam.

PROFESSIONAL ACTIVITIES - REVIEWER

Journals:

- IEEE Transaction on Network and Service Management,
- IEEE Internet of Things Journal,
- IEEE Access Journal,
- Journal of Networking and Network Applications,

Conferences:

- IEEE Global Communications Conference (Globecom),
- IEEE Vehicular Technology Conference (VTC),
- IEEE Vehicular Power and Propulsion (VPP),
- IEEE/ACM Conference on Connected Health Applications, Systems, and Engineering Technologies (CHASE).

SCHOLARSHIPS, AWARDS AND ACHIEVEMENTS

Grants:

- Research Intern at BitQubic funded by NSERC conducting a research on extensible and reliable edge computing infrastructure **Jan 2020 - Mar 2021**
- Student Travel Grant to IEEE International Conference on Communications (ICC 2021) **2021**

Scholarships:

- Mekong 1000 Project Scholarship **2010**
- VIED Scholarship **2014**

Teaching Assistant - Carleton University:

- SYSC5801: Advanced Topic in Computer Communications,
- SYSC5001: Discrete Simulation/Modelling (LEC),
- SYSC2310: Introduction to Digital Systems,
- SYSC2004: Object-Oriented Software Development (LEC),
- ECOR1606: Problem Solving and Computers.

Certificates:

- Neural Networks and Deep Learning - Coursera Certificate **2019**
- Certificate in Teaching Methodology, Can Tho University **2013**
- Certificate of Mobile Technologies and Services Training Program, Centre for Excellence in Telecom Technology & Management Mumbai **2014**