

Trinh Dinh Phuc

Curriculum Vitae

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Education

- 2014 – 2018 **Bachelor's Degree of Information Technology**, Department of Computer Science, Telecommunications University (TCU) Vietnam, Aug 2018.
- CGPA: 3.30/4 via 204 credits.
 - Thesis: *Pneumonia Diagnosis using Lung's XRay with Depthwise Convolution*. Final grade: 9.1/10 (top of the class).
- 2/2019 – present **Master's degree of Engineering**, Department of Information and Communication Engineering, Soongsil University (SSU), South Korea.
- Research topic: Network Security in SDN and NFV.

Work Experiences

- 02/2019 – present **Research Assistant at SNS Lab**, System and Network Security Lab, Dongjak-gu, Seoul, South Korea.
- 08/2018 – 01/2019 **Data Analyst**, POPS WorldWide, District 10, Ho Chi Minh City, Vietnam.
- 04/2018 – 7/2018 **Data Analyst intern**, DevNet, Khanh Hoa, Vietnam.
- 07/2017 – 02/2018 **Machine Learning Engineer intern**, CBD Robotics, Ho Chi Minh City, Vietnam.

Publications

- [Conf] appending **SDN compromised switches detection using time-series technique**.
[T. D. Phuc, Lee Tae Hee, Minho Park], 38th IEEE International Performance Computing and Communications Conference.

Awards & Recognition

- July 2018 **Entropy 2018 - Data Analytics Competition**.
Advanced to the semi-final round of ENTROPY 2018 by JVN (John Von Neumann).
- Dec 2016 **CTF - Information security competition**.
The third prize team in capture the flag (CTF) competition in Da Nang.

Research experiences

Although my research career has just begun, I have accumulated a strong background in several research fields and have developed a strong research foundation that will help to ensure my future success as a scientist.

Over the last six months, I have gained graduate research experience in the three main areas of network security: Machine Learning, Software-Defined Networking (SDN) and Network Functions Virtualization (NFV). The outcome of six months research effort have given me a chance to publish my very first paper and that paper is appending to review.

Research Interests

Machine Learning My main research interests are in the fields of machine learning and data mining. Specifically,
Data Mining I would like to work on Computer Vision or Natural Language Processing. I want to make
computers do more with less help from us, learn from experience, adapt effortlessly, and
discover new knowledge.