

Nguyen Thanh Linh

Address: Phung Khoang, Ha Dong, Hanoi, Vietnam
Date of birth: July 31 1999
Email: nguyenthanhlinh58@gmail.com
Mobile phone: (+84)-772283127



EDUCATION

- *2017 to present:* Bachelor student at Posts and Telecommunications Institute of Technology (PTIT), Hanoi, Vietnam
Major: Electronics and Communications Engineering
GPA: 3.21/4

LANGUAGE PROFICIENCY

- TOEIC score of 725
- I am taking a IELTS course and will take IELTS exams in March with the goal of 7.0.

RESEARCH EXPERIENCES

- *2019 - present:* Research student at Optical communications research group (PTIT)
 - + Student member of FSO projects under Assoc. Prof. Dang The Ngoc's guidance
 - + Doing research on IoT devices and open-source platforms under Dr. Le Hai Chau's guidance
- *2019* – PTIT annually student scientific research program with the project of flexible software defined WiFi router development
- *2019* – Participating Motorola IoT competition in PTIT with the project of SDN-based IoT gateway development
- *06/2020-09/2020:* Internship student at VCCorp company on advanced Cloud computing.

SKILLS

- Advanced knowledge in programming languages: C/C++, Python, Matlab.
- Basic knowledge in Data Structures and Algorithms
- TCP/IP, Multipath TCP, Routing Protocols, ...
- Computer OS: Windows, Linux, Debian, ...
- Platforms: Kubernetes, Thingsboard.io, Sitewhere
- Internet and networking skills.
- Strong mathematics, Optimization.

HONORS & AWARDS

- 2017 - 2019: Annual Scholarships for excellent students.
- Nov. 2019: **First Prize** in 2019 PTIT student's scientific research program with the project of the development of SDN-based WiFi router using POX controller, OpenWrt on Raspberry pi 3.
- Jan. 2020: **Third Prize** in Motorola IoT competition at PTIT with the project of software-defined IoT gateway device development.

RESEARCH INTERESTS

- Software Defined Networking, Mobile Edge Computing.
- IoT
- Cloud Computing
- Network virtualization, NFV.

COURSES

- Wireless Communications, Coursea.
- Applications of Algorithms, Samsung Electronic Vietnam.
- Research and Development the Protocol in 4G/5G, Viettel.

REFERENCES

- **Assoc. Prof. Nguyen Tien Ban**
Dean of Telecommunications Faculty I, PTIT
Office: Km10 Nguyen Trai Road, Ha Dong Dist., Hanoi, Vietnam
Email: bannt@ptit.edu.vn
Phone: (+84)-4-3854-9352
- **Dr. Le Hai Chau**
Deputy head of Signals and systems department, Telecommunications faculty I, PTIT
Office: Km10 Nguyen Trai Road, Ha Dong Dist., Hanoi, Vietnam
Email: chaulh@ptit.edu.vn
Phone: (+84)-911-465-080