

Lam DINH

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🌐 <https://dnlam.github.io/>

🌐 Lam Dinh

🌐 dnlam



WORK EXPERIENCE

Research Engineer in Wireless Communication

2019 - present

CEA-LETI, Grenoble

- Research and Developments of Wireless Communication Systems
 - Objectives: Enhancements and Optimizations of Ultra Reliable and Low Latency Communication Protocol.
 - Thematic: 5G New Radio, IoT, Network Orchestration, Mathematical Optimizations, Reinforcement Learning, Parallel Computing.

Master Internship

2019 (6 months)

CEA-LETI, Grenoble

- Studies of Visual Light Communication (VLC) Systems.
 - Objectives: Amelioration of Light-Fidelity (LiFi) Communication using single GaN blue micro-light-emitting diode (micro-LED).
 - Thematic: Digital/Optical Signal Processing, Optical test-bed, Optical/Electrical characterizations.

Summer Internship

2018 (3 months)

Laboratory of Integration of Material and System (IMS), University of Bordeaux

- Electromagnetic Coupling for Implantable devices.

Undergraduate Student

2016 (6 months)

Radio Frequency and Microwave Laboratory, Hanoi University of Science and Technology

- Development and optimization of a transceiver design for satellite communication in FPGA based on Software Defined Radio (SDR)

EDUCATION

Doctoral in Telecommunication

2019 - present

Université Grenoble-Alpes (France)

- Subject: "Enhancements of Deterministic Ultra-Reliable Low Latency Communication by opportunism"

Master in Molecular (nano-bio)photonics for telecommunications

2017 - 2019

ENS Paris Saclay (France) and Complutense University of Madrid (Spain).

- Molecular photonics for telecommunications and bio-technologies.

Master in Telecommunication Technologies, Systems and Networks

2016 - 2017

Polytechnic University of Valencia, Valencia (Spain)

- Signal theory, Digital Communications and Network protocol.

Electronics and Communications Engineering

2011 - 2016

Hanoi University of Science and Technology, Hanoi (Vietnam)

- Digital Signal Processing, Mobile Communications and Embedded Programming

SKILLS

Languages	English (Proficient C1)	French (Intermediate B1)	Spanish (Basic A2)
Programming	MATLAB, PYTHON(PYTORCH/TENSORFLOW/FASTAI), JULIA, C/C++, HTML		
Information	UNIX/LINUX, GIT, LATEX, CLOUD PLATFORMS (GCP,AZURE), DOCKER		