

# Lam DINH

Senior Researcher — AI for (6G) Networks and Standardization

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🌐 <https://dnlam.github.io/>

🏠 Lam Dinh    🎓 Lam Dinh



## WORK EXPERIENCE

### Research Specialist in GenAI and 6G Network Standardization

2025 - now


Nokia Standards, Massy, France

- GenAI for 6G Network Standardization.
  - Thematic: GenAI, Simulation Assistant, System Level Simulation, 3GPP, 6G Communications.

### Research Engineer in GenAI and Network Automation

2024 - 2025


Orange Innovation, Châtillon, France

- Technical Leader - Integration of GenAI for network self-management.
  - Thematic: Telco Cloud, Network Automation and Orchestration, Large Language Models (LLMs).
  - Results: Academic papers , Proof-Of-Concept demo.

### Research Engineer in Network Optimization

2022 - 2024


Huawei Paris Research Center, Boulogne-Billancourt, France

- Specialized in Networking and QoS Optimization using AI/DRL/LLMs.
  - Thematic: Network/QoS Optimization, SD-WAN, Network Load balancing, GenAI for networking.
  - Results: 3 papers in high venue conferences and journals , AI/LLM-based network simulation platform.

### Research Engineer in Wireless Communications

2019 - 2022


CEA-LETI, Grenoble, France

- Wireless Protocols for Ultra Reliable - Low Latency Communications (URLLC)
  - Thematic: 3GPP RAN, System Simulation & Hardware Experiment, Machine Learning for 5G Network.
  - Results: 2 filed patents, 6 papers in top conferences and journals .

### Master Internship

2019 (6 months)

CEA-LETI, Grenoble, France

- Light-Fidelity (LiFi) Communication Systems.
  - Thematic: Optical/Digital Signal Processing, Optical-Wireless Experiment, Measurements.
  - Results: 1 conference paper , demo with ground-breaking transmission record.

### Engineer Internship

2016 (6 months)

Hanoi University of Science and Technology, Vietnam

- Digital Signal Processing for Satellite Communications using FPGA.

## EDUCATION

### Doctorate in Mathematics and Computer Science

2019 - 2022

Université Grenoble-Alpes (France)

- 🎓 Centralized orchestration and hybrid resource management for URLLC communications.
  - Fields: Wireless Protocols, Network Simulation, Scientific Computing and Mathematical Optimizations.

### Master in Molecular Photonics for Telecommunications

2017 - 2019

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

- 🎓 Advanced Optics, Microwave Photonics, Biomedical Signal Processing (**Results: très bien**).

### Academic Exchange in Telecommunication Technologies

2016 - 2017

Polytechnic University of Valencia, Valencia (Spain)

- 🎓 Signal Theory, Mobile Communications and Network Protocols (**Results: with honors**).

### Telecommunications Engineering

2011 - 2016

Hanoi University of Science and Technology, Hanoi (Vietnam)

- 🎓 Digital Signal Processing, Radio Communication Theory and Mobile Communications (**Results: Top 1%**).

## SKILLS

Languages      English (Proficient C1)    French (Professional B2)    Spanish (Intermediate B1)

Programming    C/C++, PYTHON(PYTORCH/TENSORFLOW/FASTAI), JULIA, MATLAB, CSS/HTML

Tools/Platforms    UNIX/LINUX, NETWORK SIMULATOR(NS3), GIT, SOLVER(SCIP/CPLEX), DOCKER,K8S