

Thang Duc Nguyen

CONTACT INFORMATION	Apt 4115, 15 avenue du Colonel Roche, 31400 Toulouse, France	Cell: +33615-664-476 Email: thangdn.tlu@gmail.com Site: thangdn.com
GOAL	Seeking a full-time position in Machine learning/ Deep learning and Data-mining.	
RESEARCH INTERESTS	My principal research interests in the field of machine learning, deep learning and data mining.	
WORK EXPERIENCE	Internship Deep learning, Torus Action	Sept 2019 to present
	Visiting Lecturer Computer science, VNU - University of Engineering and Technology	Sept 2018 to 2019
	Lecturer Computer science, Thang Long university	Aug 2017 to sept 2019
	Co-founded & Former Chairman Thang Long Information Technology Club, Thang Long university	Jan 2014 to May 2016
EDUCATION	Paul Sabatier University , Toulouse, France Master, Computer Science for Aerospace	Sept 2019 to present
	Thang Long University , Hanoi, Vietnam B.Sc., Computer science - GPA: 3.6/4 via 143 credits, Rank: 3/232 <ul style="list-style-type: none">• Thesis: <i>Community structure detection in large-scale networks</i>• Score: 10/10• Advisor: Tran Vinh Duc, Ph.D	Aug 2013 to Sep 2017
RESEARCH EXPERIENCE	Researcher ThangLong - Torus AI Lab	Jun 2019 to present
	Researcher Formal proof, Chairman: Thomas C. Hales, Professor	Aug 2018 to Sept 2019
	Researcher Deep learning in medical analysis, ThangLong MedAI Brain, Chairman: Phuong Hoang Nguyen, Professor	Aug 2017 to Sept 2019
	Research Assistant Digital media, Chairman: Hong T.Vu, Assistant Professor	May 2017 to Dec 2017
	Researcher Mining of Massive Datasets, Thang Long University Chairman: Tran Vinh Duc, Ph.D	Sep 2016 to March 2017
	Researcher	Jan 2016 to Sep 2016

Semantic web,
Thang Long University
Supervisors: Tran Duc Minh, Ph.D

Research Assistant

May 2015 to Dec 2015

Cryptography,
Thang Long University
Supervisors: Tran Vinh Duc, Ph.D

PUBLICATIONS

Articles

1. [Ng.Duc.Thang, Tran.V.Duc \(Dec 2015\)](#). Generate large prime numbers for RSA encryption algorithm. *ThangLong University*.

Thesies

1. [Ng.Duc.Thang \(2017\)](#). Community structure detection in large-scale networks. *ThangLong University*

CERTIFICATES AND AWARDS

- 2019: Math-AI Toulouse scholarship: 10,000\$ per year
- 2018: Deep learning specifications, Andrew Ng, Coursera.
- 2018: Mathematics for Machine Learning specifications, Coursera
- 2017-2018: Co-coach in ACM-ICPC and Informatics Olympic Contest TLU teams
- 2016: Thang Long University Merit scholarship: 500\$
- 2016: Certificate of completion of summer school about data mining, VNU-UET.
- 2016: Machine learning, Andrew Ng, Coursera.
- 2015: Certificate of completion of Internet of Things course, SAPPORO IT FRONT & VINASA.

PROJECT

Student advisor and researcher

Dec 2018 to May 2019

Automatic student attendance using face recognition
Thang Long University

Main Researcher

2018 to Now

Deep Learning Project for Breast Cancer Screening in Vietnamese women
Thang Long University and Hanoi Medical University Hospital

Researcher

Oct 2018 to Now

Formal abstract - FABS,
Thang Long University, Pittsburgh University and Carnegie Mellon University

TECHNICAL SKILLS

- *Programming languages*: Lean, Python, C/C++, L^AT_EX, Scala.
- *Technical softwares*: Apache Hadoop, Apache Spark, Tensorflow.
- *OS*: MacOS, Ubuntu, Windows.

TEACHING EXPERIENCE

Instructor

Jan 2017 to present

- Introduction to programming in python
 - Object Oriented Programming in C++
 - Machine learning
- Advanced Programming with C++
Data structure and Algorithms in C++

REFERENCES

[Phuong Hoang Nguyen](#), Professor of Vietnam
Department of Mathematics and Informatics
Thang Long University

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Hong T. Vu, Assistant professor, University of Kansas
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University of Kansas

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Duc Vinh Tran, Ph.D, Université Nice Sophia Antipolis
Department of Computer Science
Hanoi University of Science and Technology

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