

Thang Duc Nguyen

CONTACT INFORMATION	Room A201 - Informatics Division, Nghiem Xuan Yem Road, Hoang Mai District, Hanoi City, Vietnam	Cell: +8496-848-6632 Email: thangdn.tlu@outlook.com Site: thangdn.com
GOAL	Seeking a full-time position in Machine learning/ Deep learning and Data-mining.	
RESEARCH INTERESTS	My principal research interests lie in the field of machine learning, deep learning, data mining, mathematical and statistical modeling as well as similar prediction and optimization techniques such as Linear/ Dynamic/ Stochastic and Distributed programming.	
WORK EXPERIENCE	Lecturer Computer science, Mathematics and Informatics Thang Long university Co-founded & Former Chairman Thang Long Information Technology Club, Thang Long university	Aug 2017 to present Jan 2014 to May 2016
EDUCATION	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 Formal proof, T-MATH, Chairman: Thomas C. Hales, Professor Researcher Deep learning in medical analysis, ThangLong MedAI Brain, Chairman: Phuong Hoang Nguyen, Professor Research Assistant Digital media, Chairman: Hong T.Vu, Assistant Professor Researcher Mining of Massive Datasets, Thang Long University Chairman: Tran Vinh Duc, Ph.D Researcher Semantic web, Thang Long University Supervisors: Tran Duc Minh, Ph.D student Research Assistant Cryptography, Thang Long University Supervisors: Tran Vinh Duc, Ph.D	Aug 2018 to present Aug 2017 to present May 2017 to Dec 2017 Sep 2016 to March 2017 Jan 2016 to Sep 2016 May 2015 to Dec 2015

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

- 2018: Deep learning specifications, Andrew Ng, Coursera.
- 2016: Merit-based scholarship for excellent student of Prof. Hoang Xuan Sinh.(Top3)
- 2016: Certificate of completion of summer school about data mining, VNU University of Engineering and Technology.
- 2016: Machine learning, Andrew Ng, Coursera.
- 2015: Certificate of completion of Internet of Things course, SAPPORO IT FRONT & VINASA.

HONOR AWARD

- Deep Learning Project for Breast Cancer Screening grant : 50,000\$

TECHNICAL SKILLS

- *Programming languages*: Python, Scala, C/C++, Java, Octave, C#, L^AT_EX.
- *Technical softwares*: Apache Hadoop, Apache Spark.
- *OS*: Ubuntu, Windows.

TEACHING EXPERIENCE

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| Co-instructor | Jan 2014–2016 |
| <ul style="list-style-type: none"> • Machine learning basic
CSLab TLIT, ThangLong University • Theory of Algorithms
TLIT, ThangLong University | |
| Teaching Assistant | Jan 2014–2016 |
| <ul style="list-style-type: none"> • Introduction to Artificial Intelligent
ThangLong University • C++ & OPP programming
ThangLong University | |

REFERENCES

- Phuong Hoang Nguyen, Professor of Vietnam
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- Hong T. Vu, Assistant professor, University of Kansas
 Room 207D, Stauffer-Flint Hall Phone: 785-864-2598
 University of Kansas E-mail: hongvu@ku.edu
- Duc Vinh Tran, Ph.D, Universit Nice Sophia Antipolis
 Department of Computer Science Phone: +84129-823-2275
 Hanoi University of Science and Technology E-mail: tranvinhduc@gmail.com
- Minh Duc Tran, Ph.D Student
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