

## Thang Duc Nguyen

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CONTACT INFORMATION	84/241 Lien Mac Road, Bac Tu Liem District, Hanoi City, Vietnam	Cell: +8496-848-6632 Email: <a href="mailto:thangdn.tlu@outlook.com">thangdn.tlu@outlook.com</a> Web: <a href="http://cslab.thanglongit.net">cslab.thanglongit.net</a>
GOAL	Seeking a full-time position in Machine learning and Data-mining.	
RESEARCH INTERESTS	My principal research interests lie in the field of machine learning, data mining, mathematical and statistical modeling as well as similar prediction and optimization techniques such as Linear/ Dynamic/ Stochastic and Distributed programing.	
WORK EXPERIENCE	<b>Lecture</b> Computer science, Mathematics and Informatics Thang Long university	Aug 2017 to present
	<b>Co-founded &amp; Former Chairman</b> Thang Long Information Technology Club, Thang Long university	Jan 2014 to May 2016
EDUCATION	<b>Thang Long University</b> , Hanoi, Vietnam	Aug 2013 to Sep 2017
	B.Sc., <a href="#">Computer science</a> - GPA: 3.6/4 via 143 credits, Rank: 3/232	
	<ul style="list-style-type: none"><li>• Thesis: <i>Community structure detection in large-scale networks</i></li><li>• Score: 10/10</li><li>• Advisor: Tran Vinh Duc, Ph.D</li></ul>	
RESEARCH EXPERIENCE	<b>Researcher</b> Deep learning in medical analysis, ThangLong MedAI Brain Group, Chairman: Phuong Hoang Nguyen, Professor	Aug 2017 to present
	<b>Research Assistant</b> Digital media, Chairman: Hong T.Vu, Assistant Professor	May 2017 to present
	<b>Researcher</b> Mining of Massive Datasets, Thang Long University Chairman: Tran Vinh Duc, Ph.D	Sep 2016 to March 2017
	<b>Researcher</b> Semantic web, Thang Long University Supervisors: Tran Duc Minh, Ph.D student	Jan 2016 to Sep 2016
	<b>Research Assistant</b> Cryptography, Thang Long University Supervisors: Tran Vinh Duc, Ph.D	May 2014 to Dec 2014
PUBLICATIONS	<b>Articles</b>  1. <a href="#">Ng.Duc.Thang</a> , Tran.V.Duc (Dec 2015). Generate large prime numbers for RSA encryption algorithm. <i>ThangLong University</i> .	
	<b>Thesies</b>	

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

CERTIFICATES AND AWARDS

- 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.

TECHNICAL SKILLS

- *Programming languages*: Python, Scala, C/C++, Java, Octave, C#, L<sup>A</sup>T<sub>E</sub>X.
- *Technical softwares*: Apache Hadoop, Apache Spark.
- *OS*: Ubuntu, Fedora, Windows.

TEACHING EXPERIENCE

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

REFERENCES

Phuong Hoang Nguyen, Professor of Vietnam  
Department of Mathematics and Informatics  
Thang Long University E-mail: [nhphuong2008@gmail.com](mailto:nhphuong2008@gmail.com)

Hong T. Vu, Assistant professor, University of Kansas  
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