

PERSONAL INFORMATION	Email: dangtv18@gmail.com, dangtv@nii.ac.jp Skype: dangtv18 Homepage: <a href="https://dangtv.github.io">https://dangtv.github.io</a> Gender: Male Nationality: Vietnamese	
RESEARCH INTERESTS	Database, Bidirectional Transformation, Functional Programing, Distributed System, Data Processing	
EDUCATION	<b>PhD student</b> <i>Department of Informatics (National Institute of Informatics),            School of Multidisciplinary Sciences,            The Graduate University for Advanced Study (SOKENDAI), Japan</i> <ul style="list-style-type: none"> <li>• Supervisor: Prof. Zhenjiang Hu</li> </ul>	October 2017 - present
	<b>B.Sc. in Information Technology</b> <i>Center for Training of Excellent Students,            School of Information and Communication Technology,            Hanoi University of Science and Technology, Vietnam</i>	August 2017
WORK EXPERIENCE	<b>Research Assistant</b> <i>Programing Research Laboratory, National Institute of Informatics, Japan</i> <ul style="list-style-type: none"> <li>• Supervisor: Prof. Zhenjiang Hu</li> </ul>	November 2017 – Present
	<b>Research Assistant</b> <i>High Performance Computing Centre (HPCC), International Research Institute for            Computational Science and Engineering (ICSE), Hanoi University of Science and            Technology (HUST), Vietnam</i> <ul style="list-style-type: none"> <li>• Supervisor: Dr. Binh Minh Nguyen</li> </ul>	October 2014 – May 2017
PUBLICATIONS	<b>Journal publications</b> <ol style="list-style-type: none"> <li>1. Cuong Ha, <u>Van-Dang Tran</u>, Linh Ngo Van, and Khoat Than. Eliminating overfitting of probabilistic topic models on short and noisy text: The role of dropout. <i>International Journal of Approximate Reasoning</i>, vol. 112, p. 85-104, 2019, ISSN: 0888-613X. doi:10.1016/j.ijar.2019.05.010.</li> <li>2. Giang Nguyen, Binh Minh Nguyen, <u>Dang Tran</u>, and Ladislav Hluchy. A heuristics approach to mine behavioral data logs in mobile malware detection system. <i>Data &amp; Knowledge Engineering</i>, vol. 115, p. 129-151, 2018, ISSN: 0169-023X. doi:10.1016/j.datak.2018.03.002.</li> <li>3. Binh Minh Nguyen, <u>Dang Tran</u> and Giang Nguyen. Enhancing service capability with multiple finite capacity server queues in cloud data centers. <i>Cluster Computing</i> 19(4), p. 1747-1767, 2016, ISSN: 1573-7543. doi:10.1007/s10586-016-0653-y.</li> </ol> <b>Conference publications</b> <ol style="list-style-type: none"> <li>4. <u>Van-Dang Tran</u>, Hiroyuki Kato, Zhenjiang Hu. A Declarative Framework for Updatable Views in Relational Databases. In proceeding of <i>WebDB Forum 2019</i>, p. 85-88, Tokyo, Japan, Sep 2019. (Best student paper award)</li> </ol>	

5. Hoang-Long Huynh, Van-Dang Tran, Huu-Duc Nguyen, Zhenjiang Hu, Trong-Vinh Le, Quyet-Thang Huynh. Auto-updating Portable Application Model of Multi-cloud Marketplace through Bidirectional Transformations System. In proceeding of *18th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET 2019)*, p. 11-24, Malaysia, Sep 2019. doi:10.3233/FAIA190035
6. Dang Tran, Nhuan Tran, Giang Nguyen and Binh Minh Nguyen. A Proactive Cloud Scaling Model Based on Fuzzy Time Series and SLA Awareness. In proceeding of *International Conference on Computational Science (ICCS 2017)*, vol. 108, p. 365-374, Switzerland, June 2017, ISSN: 1877-0509. doi:10.1016/j.procs.2017.05.121
7. Dang Tran, Nhuan Tran, Binh Minh Nguyen and Hieu Le. PD-GABP - A Novel Prediction Model Applying for Elastic Applications in Distributed Environment. In proceeding of *3rd National Foundation for Science and Technology Development Conference on Information and Computer Science*, p. 240-245, Danang, 2016, ISBN: 978-1-5090-2100-0/16. doi:10.1109/NICS.2016.7725658
8. Binh Minh Nguyen, Dang Tran and Quynh Nguyen. A strategy for server management to improve cloud service QoS. In proceeding of *IEEE/ACM 19th International Symposium on Distributed Simulation and Real Time Applications (DS-RT)*, p. 120-127, Chengdu, China, Oct 2015. doi:10.1109/DS-RT.2015.14

#### LANGUAGES

Vietnamese – Mother tongue  
English – Proficient user

#### PERSONAL SKILLS

##### **Communication skills**

- Teamwork: Worked in a variety of research teams such as High Performance Computing Centre and Data Science Laboratory.

##### **Professional skills**

- Good ability to research independently with a strong mathematical background.
- Methodology for compilers, web applications/services and data engineering.
- Variety of tools:
  - Operating systems: GNU/Linux, Windows.
  - Programming languages: Java, Python, JS, Ocaml, C/C++, C#.
  - Markup languages: HTML/CSS.
  - Database: PostgreSQL.
  - IDE: Visual Studio, IntelliJ Idea.
  - Office Tools: Latex, MS Office, etc.

#### AWARDS

- **Third Prize** May 2016  
In 33rd Student Conference of Scientific Research, Hanoi University of Science and Technology
- **Encouraging Prize** May 2015  
In 32nd Student Conference of Scientific Research, Hanoi University of Science and Technology.
- **FUYO scholarship** March 2015  
From the FUYO Foundation (under FUYO Group) of Japan.
- **First Prize** April 2013  
In 21<sup>st</sup> National Mathematics Olympiad for Students organized by Ministry of Education and Training and Vietnam Mathematical Society.
- **Second Prize** April 2013  
In 16<sup>th</sup> National Physics Olympiad for Students organized by Ministry of Education and Training, Vietnam Physical Society and Vietnam Union of Scientific & Technological Associations.

- **Hoa Trang Nguyen Award** September 2012  
From Ministry of Education and Training, Vietnam National University and Tan Tao University.

- TRAINING COURSES
- Cloud Service Business course May 2016  
Organized by Korea Advanced Institute of Science and Technology along with the Korean Ministry of Science, ICT and Future Planning.  
*Received the certificate from KAIST.*
  - Summer School on Statistical Machine Learning August 2015  
Organised by Vietnam Institute for Advanced Study in Mathematics.  
*Received the certificate from VIASM.*

- REFERENCES
- Prof. Zhenjiang Hu  
Professor,  
Head of *Programing Research Laboratory*,  
National Institute of Informatics (NII) E-mail: hu@nii.ac.jp
- Dr. Binh Minh Nguyen  
Researcher & Lecturer,  
Hanoi University of Science and Technology E-mail: minhnb@soict.hust.edu.vn