

PERSONAL INFORMATION	Email: <a href="mailto:dangtv18@gmail.com">dangtv18@gmail.com</a> , <a href="mailto:dangtv@nii.ac.jp">dangtv@nii.ac.jp</a> Skype: <a href="#">dangtv18</a> 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>Ph.D. 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>	September 2012 - August 2017
PROJECTS	<b>BIRDS</b> Designing and implementing a fundamental framework for programing update strategies on relational views [ <a href="#">project webpage</a> ] [ <a href="#">source code</a> ]	2018 – Present
PUBLICATIONS	<b>Journal publications</b> <ol style="list-style-type: none"> <li>1. Cuong Ha, <a href="#">Van-Dang Tran</a>, 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:<a href="#">10.1016/j.ijar.2019.05.010</a>.</li> <li>2. Giang Nguyen, Binh Minh Nguyen, <a href="#">Dang Tran</a>, 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:<a href="#">10.1016/j.datak.2018.03.002</a>.</li> <li>3. Binh Minh Nguyen, <a href="#">Dang Tran</a> and Giang Nguyen. Enhancing service capability with multiple finite capacity server queues in cloud data centers. <i>Cluster Computing</i>, vol. 19(4), p. 1747-1767, 2016, ISSN: 1573-7543. doi:<a href="#">10.1007/s10586-016-0653-y</a>.</li> </ol> <b>Conference publications</b> <ol style="list-style-type: none"> <li>4. <a href="#">Van-Dang Tran</a>, Hiroyuki Kato, Zhenjiang Hu. A Declarative Framework for Updatable Views in Relational Databases. In <i>Proceeding of the WebDB Forum 2019</i>, p. 85-88, Tokyo, Japan, Sep 2019. (Best student paper award)</li> <li>5. Hoang-Long Huynh, <a href="#">Van-Dang Tran</a>, 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 <i>Proceeding of the 18th International Conference on Intelligent Software Methodologies, Tools, and Techniques (SOMET 2019)</i>, p. 11-24, Malaysia, Sep 2019. doi:<a href="#">10.3233/FAIA190035</a></li> </ol>	

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 the 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 the 3rd National Foundation for Science and Technology Development Conference on Information and Computer Science*, p. 240-245, Danang, Vietnam, 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 the 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

#### SKILLS

##### Communication skills

- Teamwork: Worked in a variety of research teams such as High Performance Computing Centre, Data Science Laboratory and Programing Research 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 32rd 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

Upon request