Patanamon Thongtanunam

Curriculum Vitae   *Updated March 24, 2016*

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Software Design and Analysis Lab. (SDLAB), Information Science School, NAIST, Japan.

SUMMARY
- Pursuing a doctoral degree of Computer Engineering
- My early papers on code reviews laid the groundwork for a rapidly-growing research community that has industrial interests
- Broad network of collaborators from institutions in Japan, Thailand, USA, and Canada

PAPERS IN REFEREED INTERNATIONAL JOURNALS
- **Mining History of Gamification Towards Finding Expertise in Question and Answering Communities: Experience and Practice with Stack Exchange**
  Patanamon Thongtanunam, Raula Gaikovina Kula, Ana Erika Camargo Cruz, Norihiro Yoshida, Kohei Ichikawa, and Hajimu Iida
  The Review of Socionetwork Strategies, vol. 7, no. 2, pp. 115-130, 2013

PAPERS IN REFEREED INTERNATIONAL CONFERENCE PROCEEDINGS
- **Revisiting Code Ownership and Its Relationship with Software Quality in the Scope of Modern Code Review**
  Patanamon Thongtanunam, Shane McIntosh, Ahmed E. Hassan, and Hajimu Iida
  In Proceedings of The 38th International Conference on Software Engineering (ICSE2016), to appear, 2016

- **Investigating Code Review Practices in Defective Files: An Empirical Study of the Qt System**
  Patanamon Thongtanunam, Shane McIntosh, Ahmed E. Hassan, and Hajimu Iida
  In Proceedings of The 12th Working Conference on Mining Software Repositories (MSR2015), pp. 168-179, 2015

- **Who Should Review My Code? A File Location-Based Code-Reviewer Recommendation Approach for Modern Code Review**
  Patanamon Thongtanunam, Chakkrit Tantithamthavorn, Raula Gaikovina Kula, Norihiro Yoshida, Hajimu Iida and Kenichi Matsumoto
  In Proceedings of The 22nd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER2015), pp. 141-150, 2014

- **Assessing MCR Discussion Usefulness using Semantic Similarity**
  Thai Pangsakulyanont, Patanamon Thongtanunam, Daniel Port, and Hajimu Iida
  In Proceedings of The International Workshop on Empirical Software Engineering in Practice (IWESEP 2014), pp. 49-54, 2014

- **ReDA: A Web-based Visualization Tool for Analyzing Modern Code Review Dataset**
  Patanamon Thongtanunam, Xin Yang, Norihiro Yoshida,Kenji Fujiwara,Raula

Gaikovina Kula, Ana Erika Camargo Cruz, Hajimu Iida
In Proceedings of the 30th International Conference on Software Maintenance and Evolution (ICSME 2014), pp. 605-608, 2014.

- **Improving Code Review Effectiveness Through Reviewer Recommendations**
  <u>Patanamon Thongtanunam</u>, Raula Gaikovina Kula, Ana Erika Camargo Cruz, Norihiro Yoshida, and Hajimu Iida
  In Proceedings of the 7th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE2014), pp. 119-122, 2014.

ACADEMIC HONORS & AWARDS

- **IEEE Kansai Excellent Student Paper Award 2015**

  Awarding to the paper titled "Investigating Code Review Practices in Defective Files: An Empirical Study of the Qt System"

- **Japan Society for the Promotion of Science (JSPS) Research Fellowship for Young Scientist**
  Amount: 2,400,000 JPY (Acceptance rate 167/738, 22.6%)
  Duration: April 2016 - March 2018
- **Google/SAP Diversity Award (A Grant for Attending SANER 2015 Conference)**
  Amount: 500 CAD
- **NEC C&C Research Grant for Non-Japanese Researcher 2015**
  Amount: 1,500,000 JPY
  Duration: April 2015 – March 2016
- **Grant for Oversea Research Collaboration from NAIST Global Initiatives Program at SAIL Lab, Queen's University, Kingston, Canada**
  Amount: 120,000 JPY
  Duration: August – November 2014
- **NAIST Excellent Student Scholarship 2014**
  Amount: 535,800 JPY
  Duration: April 2014 - March 2015
- **NEC: Grants for Researchers Attending International Conferences**
  Conference: 36th International Conference on Software Engineering, Hyderabad, India
  Amount: 200,000 JPY
- **Honors Scholarship for Privately-Financed International Students from MEXT**
  Amount: 390,000 JPY
  Duration: Oct 2013 – March 2014
- **Excellent Academic Student, Kasetsart University**
  Awarded: October 10th, 2011
- **Second Class Honors of Bachelor Degree, Kasetsart University**
  Awarded: June 29th, 2012

EXPERIENCES

Academic Service

- Reviewer of the 23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER2016), Tool Track
- Student volunteer for the 23rd IEEE International Conference on Software Analysis, Evolution, and Reengineering (SANER2016), FOSE
- Organizing Committee (Financial Chair) of the 6th International Workshop on Empirical Software Engineering in Practice (IWESEP2014)
- Organizing Committee (Financial Chair) of the 6th Thailand-Japan International Academic Conference 2013 (TJIA2013)
- Reviewer of the 6th Thailand-Japan International Academic Conference 2013 (TJIA2013)

Research Experience

- Visiting Researcher: Software Analysis and Intelligence (SAIL) Lab, Queen's University, Kingston, Canada.
  - Duration: August 2014 - April 2016 (1 year 9 months)
- Research Assistance: Software Design and Analysis Lab (SDLAB), Nara Institute of Science and Technology, Nara, Japan
  - April 2014 - present
  - October 2012 - March 2014

Mentoring Experience

- Undergraduate Student from Kasetsart University, Thailand.
  - Thai Pangsakulyanont (Co-authors: IWESEP'14)

EDUCATION

- **Doctoral degree of Computer Engineering (Pursuing),**
  Nara Institute of Science and Technology, Nara, Japan
  April 2014 - March 2017 (Expected)
  Advisors: Hajimu Iida, Ahmed E. Hassan
- **Master degree of Computer Engineering**,
  Nara Institute of Science and Technology, Nara, Japan
  October 2012 - March 2014
  Thesis Title: "An Approach to Recommend Reviewers using File Path Similarity for Peer Code Review Process"
  Advisor: Hajimu Iida
- **Bachelor's degree of Computer Engineering,**
  Kasetsart University, Bangkok, Thailand
  May 2008 - March 2012
  Thesis Title: "Clustering-based Web Changed-Interval Prediction for a Designation of Web Crawling Policies"
  Advisor: Arnon Rungsawang