BUI PHI DIEP

Ph.D Student, Uppsala University

BASIC INFORMATION

Full name   : Bui Phi Diep
Office Address: : Room 1456 ITC, Lgerhyddsv. 2, hus 1, box 337, 751 05 Uppsala, Sweden
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RESEARCH INTEREST

- Automated Program Verification
- Theorem Proving
- Constraint Solving
- Program Analysis

PUBLICATION

- Parosh Aziz Abdulla, Mohamed Faouzi Atig, Yu-Fang Chen, **Bui Phi Diep**, Lukáš Holík, Ahmed Rezine and Philipp Rümmer. *Flatten and Conquer: A Framework for Efficient Analysis of String Constraints*, PLDI 2017.
- Parosh Aziz Abdulla, Mohamed Faouzi Atig, and **Bui Phi Diep**. *Counter-Example Guided Program Verification*, FM 2016.

EDUCATION

- **Uppsala University, Sweden**   *2015 - present*
  Ph.D in Computer Science

- **University of Engineering and Technology, VNU Hanoi**   *2012 - 2014*
  M.Sc in Computer Science

- **University of Engineering and Technology, VNU Hanoi**   *2007 - 2011*
  B.Sc in Information Technology

RESEARCH EXPERIENCE

1. **Verification of Concurrent Programs**   *2015 - present*
   - Supervisor: Assoc. Prof. Mohamed Faouzi Atig and Prof. Parosh Aziz Abdulla
   - Position: Ph.D Student

2. **Program Resource Usage Estimation**   *2012 - 2014*
   - Supervisor: Assoc. Prof. Nguyen Viet Ha
   - Position: Researcher

3. **Self-Adaptive Framework**   *March 2013 - August 2013*
   - Supervisor: Prof. Shinichi Honiden
   - Position: Intern Student

WORKING EXPERIENCE

- **Department of Information Technology, Uppsala University, Sweden**   *2015 - present*
  Teaching Assistant

  – Operating Systems and Process-Oriented Programming.
  – Automata and Logic in IT System Modelling.
  – Introduction to Information Technology.
  – Introduction to Systems in Technology and Society.

- **Department of Software Engineering, Faculty of Information Technology, University of Engineering and Technology-VNU Hanoi, Vietnam**   *2012 - 2014*
  Teaching Assistant

  – Fundamental Informatics 1.
  – Object-oriented programming.
  – Real-time programming and embedded systems.

- **Toshiba-Coltech Laboratory, University of Engineering and Technology-VNU Hanoi, Vietnam**   *2010 - 2012*
  Researcher
  Research and develop projects funded by Toshiba Software Vietnam.

- **ISDS Co. Ltd Company, Hanoi, Vietnam**   *2010 - 2011*
  C-Objective Developer
  Develop games for iOS

REFERENCE

- **Assoc. Prof. Mohamed Faouzi Atig**
  Department of Information Technology, Uppsala University, Sweden
  Email: mohamed_faouzi.atig@it.uu.se
  Website: http://www.it.uu.se/katalog/mohat117

- **Prof. Parosh Aziz Abdulla**
  Department of Information Technology, Uppsala University, Sweden
  Email: parosh.abdulla@it.uu.se
  Website: http://user.it.uu.se/~parosh/

- **Assoc. Prof., Nguyen Viet Ha**
  Faculty of Information Technology, University of Engineering and Technology, VNU Hanoi, Vietnam
  Email: hanv@vnu.edu.vn
  Website: http://uet.vnu.edu.vn/~hanv