

BUI PHI DIEP

Ph.D Student, Uppsala University

BASIC INFORMATION

Full name : Bui Phi Diep
Office Address : Box 337, SE-751 05 Uppsala, Sweden
Phone : (+46)72 2505 696
Email : bui.phi-diep@it.uu.se
Website : diepbp.github.io

RESEARCH INTEREST

- Automated Program Verification
- Constraint Solving
- Program Analysis
- Security and Privacy

PUBLICATIONS

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

** I am the main author of all the papers*

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

- **Efficient Solver for String Equations** *2016 - present*
Supervisor: Assoc. Prof. Mohamed Faouzi Atig and Prof. Parosh Aziz Abdulla
- **Verification of Concurrent Programs** *2015 - present*
Supervisor: Assoc. Prof. Mohamed Faouzi Atig and Prof. Parosh Aziz Abdulla
- **Program Resource Usage Estimation** *2012 - 2014*
Supervisor: Assoc. Prof. Nguyen Viet Ha

WORKING EXPERIENCE

- **Department of Information Technology, Uppsala University, Sweden** *2015 - present*
Teaching Assistant
- **National Institute of Informatics (NII), Tokyo, Japan** *March 2013 - August 2013*
Intern Student
- **ISDS Co. Ltd Company, Hanoi, Vietnam** *2010 - 2011*
C-Objective Developer

REFERENCES

- **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>