

Tran Duc Muoi

PHD STUDENT

COM2 B1-02, 15 Computing Drive, Singapore 117418

☎ (+65) 83561175 | ✉ muoitran@comp.nus.edu.sg | 📧 muoitranduc | www.comp.nus.edu.sg/~muoitran

Summary

I am a first year PhD student in Department of Computer Science at National University of Singapore.

My research topics of interest include Applied Cryptography, Cryptocurrency and Network Security.

Poster

Automatic Identification of the Amplifiers in DRDoS attacks

The 9th SoC Term Project Showcase

SHIQI SHEN, DELI GONG, MUOI TRAN

Nov. 2016

Work Experience

School of Computing, National University of Singapore

Singapore

INTERN RESEARCHER

Jul. 2015 - Jan. 2016

- Work under A/P Chin Wei Ngan Associate Professor Chin Wei Ngan.
- Contribute on HIP/SLEEK project which is a verification system aiming the memory safety of heapmanipulating programs.

School of Computing, National University of Singapore

Singapore

RESEARCH ASSISTANT

Jan. 2016 - Jul. 2016

- Work under A/P Chin Wei Ngan Associate Professor Chin Wei Ngan.
- Build an extension of HIP verifier which aim to verify string manipulation functions in C programs.

Honors & Awards

2015 **Awarded**, Honda Y-E-S Award Vietnam

Vietnam

2015 **Awarded**, Best thesis defense, VNU University of Engineering and Technology

Vietnam

2015 **1st Prize**, Student Scientific Research Contest, VNU University of Engineering and Technology

Vietnam

2011 **Awarded**, GE Foundation Scholar Leadership

Vietnam

Education

School of Computing, Singapore National University

Singapore

PHD

Fall. 2016 - Present

- Advisors: Dr. Min Suk Kang.

University of Engineering and Technology, Vietnam National University

Hanoi, Vietnam

B.S. IN COMPUTER SCIENCE

Fall. 2011 - June. 2015

- GPA: 3.49/4.0, Honor Programme, Highest Distinction.
- Thesis: "Some Improvements for Regular Expression Solving in Z3-Regex".
- Thesis advisors: Associate Professor Hoang Truong.

Extracurricular Activity

National University of Singapore

CONFERENCE EXTERNAL REVIEWER

- VMCAI'17, OOPSLA'16.

National University of Singapore

Singapore

TEACHING ASSISTANT

August 2016 - Present

- CS5321 Network security (16/17 - Sem 2).
- CS2106 Introduction to operating systems (16/17 - Sem 2).
- CS2104 Programming language concepts (16/17 - Sem 1).