

ZHANG Yushan

STUDENT · HKUST

Clear Water Bay, Kowloon, HKSAR, China

☎ (+86) 17704017030 | ✉ zhangyush1995@gmail.com | 📱 zhangyush1995 | 🌐 zhangyushan

Interested in Software Engineering and Computer System Security.

Education

The Hong Kong University of Science and Technology (HKUST)

Hong Kong

DOCTOR OF PHILOSOPHY

Aug, 2018 -

- Cybersecurity Lab
- Supervised by Prof. Charles Zhang

Southern University of Science and Technology (SUSTech)

Shenzhen, China

B.S. IN COMPUTER SCIENCE AND TECHNOLOGY

Sept, 2013 - July, 2018

- Go to a four-year Start-up scholarship to cover tuition fees.
- Sponsored by OGE for one-semester visiting student program at Kent State University (U.S.) for fall 2016.

Kent State University (KSU)

Ohio, U.S.

VISITING STUDENT

Aug, 2016 - Dec., 2016

- Named for fall 2016 Dean's List
- Courses: Design Patterns, Operating Systems, Software Engineering, iOS Development

Korea Advanced Institute of Science and Technology (KAIST)

Dajeon, South Korea

INTERNATIONAL SUMMER SCHOOL

July, 2016

- Courses: Introduction to Industry Design, Korean for Foreigners I

Work Experience

SourceBrella .Ltd

Shenzhen, China

INTERNSHIP IN ANALYZING TOOLS GROUP

Feb. - May 2018

- Smart build.

SourceBrella .Ltd

Shenzhen, China

INTERNSHIP IN ANALYZING TOOLS GROUP

July - Aug., 2017

- Play with symbolic execution tool - KLEE docker image.
- Develop script-chain for testing multiple SMT solvers.
- Visualization and analyze project data.

Computing Skills

Java

LANGUAGE

- Know basic grammar and operations.
- Exposed to Reflection, RMI, Spring MVC.
- Code sample: Java RMI wheel

C/C++

LANGUAGE

- Familiar with STL library.
- Code sample: Process state mock-up on State Design Pattern

Python

LANGUAGE

- Familiar with Pandas and Matplotlib
- Code sample: Scripts for running and analyzing data from SMT solvers.

Debugging

TECHNIQUES

- WinDbg for Windows-based platform
- IDA Pro for static analysis
- OllyDbg for dynamic debugging and analysis

Extracurricular Activity

CS 304 Software Engineering

TEACHING ASSISTANT

Feb. - June, 2018

- Help Prof. Yushan Zhang to develop course material.
- Review student submitted assignments.

CS 101A Introduction to Computer Science

STUDENT TEACHING ASSISTANT

Sept, 2017 - Jan, 2018

- In-class course review.

CS 304 Software Engineering

STUDENT TEACHING ASSISTANT

Feb - June, 2017

- Help students with lab sessions and review submitted assignment.

Computer Advanced Research (Society)

LEADER

March, 2017 - June, 2018

- Focused on computer techniques and building projects.
- Manage society activities.

Geek Team (Society)

ORGANIZER

Sept, 2016 - Sept, 2017

- Focused on computer system security.
- Share knowledge and geek.

Honors & Awards

INTERNATIONAL

2014 **Gold Medal and Inter-lab Study Extra Credits**, iGEM Foundation

Boston, U.S.A

Writing

Notes and Summaries when learning

CSDN Blog

WRITER

Aug., 2015 - PRESENT

- My blog (Chinese).

To share resources and my writings on Computer Science

Wechat Public

WRITER

Jan., 2017 - PRESENT