Insu Jang

CONTACT INFORMATION	Computer Architecture Laboratory KAIST, 291 Daehak-ro, Yuseong-gu Daejeon, Republic of Korea 34141	+82-10-2578-8375 insujang@calab.kaist.ac.kr https://insujang.github.io/about

RESEARCH INTERESTS

Computer architecture, high performance computing, cloud computing, memory systems, and hardware security

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)
Daejeon, Republic of Korea
> M.S., Computer Science, *Expected:* Feb 2018 (GPA: 3.99 / 4.3)
> Advisor: Jaehyuk Huh, Ph.D.

Sungkyunkwan University, Suwon, Republic of Korea
> B.S., Computer Science, Feb 2016 (GPA: 4.24 / 4.5)

RESEARCH EXPERIENCE

Research Assistant   Mar 2016 to present
> School of Computing, KAIST
> Topic: Hardware assisted security

Undergraduate Research Assistant   May 2014 to Jul 2015
> College of Software, Sungkyunkwan University
> Topic: Wireless data communication through inaudible sound

TEACHING EXPERIENCE

Teaching Assistant   Fall 2016
> CS230 – System Programming
> Instructor: Jaehyuk Huh, Ph.D.
> School of Computing, KAIST

EXTRA ACADEMIC ACTIVITIES

Vice Representative   May 2016 – Aug 2016
> School of Computing, KAIST, Daejeon, Republic of Korea

Research Intern   Jan 2016 – Feb 2016
> Electronics and Telecommunications Research Institute (ETRI)
> Daejeon, Republic of Korea
> Topic: Xen virtualization

Research Intern   Jul 2015 – Aug 2015
> Advanced Institutes of Convergence Technology (AICT)
> Suwon, Republic of Korea
> Topics: Hadoop and Apache Spark

Purdue/NIPA Capstone Project   Jul 2014 – Aug 2014
> Purdue University, West Lafayette, IN, USA
> Topic: cooperative fire security system with a humanoid robot

Developer Member   Jan 2013 – Apr 2014
> Samsung Software Membership, Suwon, Republic of Korea
> Topics: Smart Lecture: HTML5 based lecture share system, intranet total management
> system, MoleRush: Smart TV - Android interactive game

HONORS AND AWARDS

National Scholarship, KAIST   2016 – present

Korea National Scholarship for Science and Engineering, Korea Student Aid Foundation	2014 – 2015
Excellence Award, 2015 Convergence App Contest, Sungkyunkwan University	Dec 2015
Dean's List Award, Sungkyunkwan University	Apr 2015
Dean's List Award, Sungkyunkwan University	Oct 2014
Grand Prize, 2013 Smart TV App and Peripherals Contest, Korea Ministry of Trade, Industry, and Energy	Nov 2013
Grand Prize, 2013 Mobile E-learning App Idea Contest, Korea Ministry of Education	Sep 2013

SKILLS   **Languages**
C, C++, Java, Python, Vivado HLS

Software Frameworks
Mobile: Android
Virtualization: KVM, QEMU
Database: MySQL, MongoDB
FPGA: Vivado, Vivado HLS, Petalinux
GPU: NVIDIA CUDA
Security: Intel Software Guard Extensions (SGX)
Documentation Tools
LaTeX, matplotlib, OmniGraffle

REFERENCES   Jaehyuk Huh
Associate Professor, School of Computing, KAIST   e-mail: jhuh@kaist.ac.kr

[CV last updated on Aug 24, 2017]