# Insu Jang

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| CONTACT INFORMATION | TmaxOS, System Kernel Team 1<br>45 Jeongjail-ro, Bundang-gu<br>Seongnam, Gyeonggi-do, Republic of Korea 13613 | +82-10-2578-8375<br>insu_jang@tmax.co.kr<br>https://insujang.github.io/about |

**RESEARCH INTERESTS**

Computer architecture, high performance computing, and cloud computing

**EDUCATION**

**Korea Advanced Institute of Science and Technology (KAIST)**
Daejeon, Republic of Korea
> M.S., Computer Science, Feb 2018 (GPA: 3.99 / 4.3)
> Adviser: Jaehyuk Huh, Ph.D.
> Thesis: Secure I/O Architecture for Isolated Heterogeneous Computing with Hardware Assisted Trusted Execution Environment

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

**PUBLICATIONS**

1. **Insu Jang**, Adrian Tang, Taehoon Kim, Simha Sethumadhavan, and Jaehyuk Huh. **"Heterogeneous Isolated Execution for Commodity GPUs."** *The International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS) 2019.*

**EXTRACURRICULAR ACTIVITIES**

**Teaching Assistant** — Fall 2016
> CS230 – System Programming. School of Computing, KAIST

**Vice Student 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

**Research Intern** — Jul 2015 – Aug 2015
> Advanced Institutes of Convergence Technology (AICT), Suwon, Republic of Korea

**Purdue/NIPA Capstone Project** — Jul 2014 – Aug 2014
> Purdue University, West Lafayette, IN, USA

**Developer Member** — Jan 2013 – Apr 2014
> Samsung Software Membership, Suwon, Republic of Korea

**HONORS AND AWARDS**

**National Scholarship**, KAIST — 2016 – 2018

**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, 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

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