Jiman Hwang

M.S. Candidate

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Education

M.S. Candidate in School of Computing, KAIST, Republic of Korea.
- 2019-present

- *Happy Birthday, iRRAM! Considerations for the Future of Exact Real Computation*, CCA 2020 (Sep.10, virtual, originally planned for Bologna, Italy)
- *Faster multi-precision computation by hybridization between hardware and software*, 2020 KMS Annual Meeting (Oct. 23, online)
- Compact Subsets in Exact Real Computation, KSC2020 (Dec. 23, online)
- Advisor: Prof. Dr. Martin Ziegler

B.S in Computer Science and Mechanical Engineering, Sungkyunkwan Univ, Republic of Korea. *- 2017*

- Project 1: Analysis and Implementation of Remote Code Execution through Flash Player Vulnerability and Crafted Web Site
- Project 2: Design of Sensor-based Mobile Robot Exploration Algorithm in Corridor Environment using Generalized Voronoi Graph with 180° sight
- Advisor 1: Prof. Hyoung-Kee Choi
- Advisor 2: Prof. Hyungpil Moon

Experience

Complexity and Real Computation Laboratory, KAIST, Daejeon, Republic of Korea *- M.S. Candidate*

Sep 2019 - present

- Researched high precision computation using floating point numbers

HIT lab, Sungkyunkwan Univ., Suwon, Republic of Korea
- Undergraduate Researcher

Oct 2014 - Jan 2016

- Investigated vulnerabilities of Windows in collaboration with supervisor

Awards and Honors

- Dean's List Award for Spring 2015
- SKKU Bug Bounty Encouragement award, 2015
- SKKU Mechanical Engineering Academic Conference Encouragement award, 2014

Scholarships

- The National Scholarship for Science and Engineering for 4 semesters from Spring 2013
- Academic Excellence Scholarship for 3 semesters from Fall 2009

Projects

- [Annoyer](): Vocabulary teacher

Skills

- Windows Reverse Engineering
- Server(Linux) management