

Curriculum Vitae

Kyeong Joo Jung, M.S.

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EDUCATION

- 2017 - 2018 *Master's degree of Computer Science*, Stonybrook University-State University of New York (SUNY) Korea (Global University Campus)
Republic of Korea
- 2014 - 2015 *Exchange Student in Computer Science (BS)*, Angelo State University
Texas, USA
- 2011 - 2017 *Bachelor of Computer Engineering*, Yonsei University
Republic of Korea

EMPLOYMENTS

- 2018- Present *IT employee at Korea International School IT Team*
Server maintenance, Google Apps maintenance, Web page management, develop (Wordpress), Network (Wired/Wireless) maintenance, Switchboard, VMS, Telephone maintenance, AntiVirus(V3) maintenance, Firewall maintenance, Privacy management, IT asset management
Republic of Korea
- 2018 *Work-Study at Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) IT & General Team*
Maintenance support for IT on campus
Republic of Korea
- 2017 - 2018 *Teaching Assistant at Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) Computer Science Department, Mechanical Department, & Business Management Department*
Teaching and leading students in classes on campus
Republic of Korea
- 2016 *Internship at The Korean Association for Industrial Technology Security*
Security Operation Service
Equipment check-up on small and medium industrial company
Republic of Korea

RESEARCH INTERESTS

Cyber Security, IoT Security, Privacy, Digital Forensics, Machine Learning

PUBLICATIONS

- Kyeong Joo Jung**, Soung Ho Choi, Bang Hun Lee, Yeon Nam Gung, Jun Seok Kim, Hyung Suk Kim, Ju Seong Han, Tomaspeter Kim, & Bong Jun Choi (2018), "POSTER: Undetectable Task Bypassing OS Scheduler via Hardware Task Switching" Proc. ACM Asia Conference on Computer and Communications Security (ASIACCS), Songdo, Korea, June 2018. (Poster)
- Kyeong Joo Jung**, Bang Hun Lee, Yeon Nam Gung, Jun Seok Kim, Hyung Suk Kim, Ju Seong Han, & Bong Jun Choi (2018), "Under Cover of Darkness: Hiding Tasks via Hardware," HITBSecConf, CommSec, Amsterdam, Netherlands, April 2018. (Technical Paper)

3. Simon S. Woo, **Kyeong Joo Jung**, & Bong Jun Choi (2018), “Survey on Current Password Composition Policies”, Korean Institute of Information Security and Cryptology Conference, vol. 28, no. 1, Feb. 2018. (Journal)

RESEARCH PROJECTS

2018 - Present	Finding vulnerability of Linux Project Leader of the team (Task Force) BoB (Best of the Best), KITRI (Korea Information Technology Research Institute), Republic of Korea Finance support: \$ 1,400
2017	Finding vulnerability using hardware task switching Member of the team (Ajae.dll) BoB (Best of the Best), KITRI (Korea Information Technology Research Institute), Republic of Korea Finance support: \$ 1,400
2016	Reducing jaywalking using LED Leader of the Capstone Design team Yonsei University LINC, Republic of Korea Finance support: \$ 1,800

PRESENTATION

2018	Under Cover of Darkness: Hiding Tasks via Hardware, HITBSecConf, CommSec, Amsterdam, Netherlands, April 2018.
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PATENT

2018(Pending)	Software code dynamic distributing method and apparatus Doe Hyun Choi, Jin Kyung Kim, Jae Hyun Park, Sung Min Lim, Jeongeon Choi, Tae Won Hwang, Juseong Han, Kyeong Joo Jung
2017(Pending)	Detection method and device of hidden task using hardware task switching Bang Hun Lee, Soung Ho Choi, Jun Seok Kim, Kyeong Joo Jung, Yeon Nam Gung, Hyung Suk Kim, Juseong Han

TEACHING EXPERIENCES

Teaching Assistant at Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea

Courses Taught

2018	BUS215: Intro to Business Statistics
2017	CSE101: Introduction to Computational and Algorithmic Thinking CSE114: Computer Science I CSE220: System Fundamentals I MEC101: Freshman Design Innovation

AWARDS & HONORS

2018	<i>Research Assistant Scholarship</i> Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea Scholarship Amount: \$ 1,400 (per month), Tuition waiver (70%)
2018	<i>Teaching Assistant Scholarship</i> Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea Scholarship Amount: \$ 500 (per month)

2017	<i>Teaching Assistant Scholarship</i> Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea Scholarship Amount: \$ 1,000 (per month), Tuition waiver (Spring semester: half, Fall semester: full)
2017	<i>Research Assistant Scholarship (Summer Break)</i> Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea Scholarship Amount: \$ 1,500
2017	<i>'Global Elite' Award</i> Yonsei University, Republic of Korea
2017	<i>Runner-up Award in Academic Convergence Project Contest on campus</i> Yonsei University, Republic of Korea Finance: \$ 300
2016	<i>Scholarship for Developing Career</i> Yonsei University, Republic of Korea Finance: \$ 100
2016	<i>Scholarship for Developing Career</i> Yonsei University, Republic of Korea Finance: \$ 200
2015	<i>Dean's List for Excellent Academic Achieve</i> Angelo State University, San Angelo, Texas
2013	<i>Award for Excellence in Squad Commander Training</i> 6th Division commander, Army
2013	<i>Citation for Meriting on Training Recruit</i> 3rd Battalion commander, Army
2012	<i>Citation for Training Excellent Recruit</i> 19th Regimental commander, Army

CERTIFICATES

2018	Certificate of <i>Young Professional Forum</i> Establish a forum for a mutual cooperation that strengthens and fosters the capacity of next generation talents in science and technology at home and abroad <u>Korean Federation of Science & Technology Societies (KOFST)</u> Republic of Korea
2017 – 2018	Certificate of <i>Best of the Best member (Digital Forensics Track)</i> Program training the Next Generation of Top Security Leaders <u>Korea Information Technology Research Institute (KITRI),</u> https://www.kitribob.kr/ Republic of Korea
2017	Certificate of <i>Study & Training</i> Crime Scene Investigation & Forensic Science Program <u>National Forensic Service, Republic of Korea</u>
2015	Certificate of Achievement from <i>SGA (Student Government Association)</i>

Main Activity: Teaching math to an elementary student

REFERENCE LISTS

Bong Jun (David) Choi, PhD.

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