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

- 1. **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)
- 2. **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.
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 Research Assistant Scholarship

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 Teaching Assistant Scholarship

Stonybrook University-State University of New York (SUNY) Korea

(Global University Campus), Republic of Korea Scholarship Amount: \$ 500 (per month)

2017	Teaching Assistant Scholarship 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	Research Assistant Scholarship (Summer Break) Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea Scholarship Amount: \$ 1,500
2017	'Global Elite' Award Yonsei University, Republic of Korea
2017	Runner-up Award in Academic Convergence Project Contest on campus Yonsei University, Republic of Korea Finance: \$ 300
2016	Scholarship for Developing Career Yonsei University, Republic of Korea Finance: \$ 100
2016	Scholarship for Developing Career Yonsei University, Republic of Korea Finance: \$ 200
2015	Dean's List for Excellent Academic Achieve Angelo State University, San Angelo, Texas
2013	Award for Excellence in Squad Commander Training 6th Division commander, Army
2013	Citation for <i>Meriting on Training Recruit</i> 3rd Battalion commander, Army
2012	Citation for <i>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 Korean Federation of Science & Technology Societies (KOFST) 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 Korea Information Technology Research Institute (KITRI), https://www.kitribob.kr/ Republic of Korea
2017	Certificate of <i>Study & Training</i> Crime Scene Investigation & Forensic Science Program National Forensic Service, Republic of Korea
2015	Certificate of Achievement from SGA (Student Government Association)

Angelo State University, San Angelo, Texas

2015 Certificate of Appreciation from KSA (Korean Student Association) Angelo State University, San Angelo, Texas SKILLS-Python (Well) Java. C. C++ (So-So) Java Standard Edition 6 Programmer Certified Professional (OCJP) (2016) Institute: Oracle Familiar with Windows, Ubuntu OS Tensorflow, Keras Database(MySQL, JDBC, XAMPP, TOMCAT) Hadoop Encase (Digital Forensics Tool - Used before but still beginner) Familiar with Wordpress (Website managing tool) SERVICES-2015 SGA (Student Government Association) International Senator Angelo State University, San Angelo, Texas Main Activity: Representing international students Activity about contracting discount system with local 2014 - 2015KSA (Korean Student Association) President Angelo State University, San Angelo, Texas Main Activity: Representing Korean students and holding events to promote about Republic of Korea on campus Report: - Published on Ram page (campus newspaper) about KSA events Volume 81, Issue 18, February 20, 2015 Volume 81, Issue 19, February 27, 2015 - Interview with local broadcast about opening new public transportation on behalf of international students, San Angelo, Texas, April 10, 2015 2012-2013 Republic of Korea Army 6th Division, 19 Regiment, 3 Battalion, Infantry Training assistant in Recruit Training Center Honorable discharge as a sergeant 2011 Representative of freshmen in Computer Engineering department Yonsei University, Republic of Korea OTHER EXPERIENCE-Research in Other Area 2016 Way to make more culture exchange in the campus Leader of Academic Convergence Project team Yonsei University, Republic of Korea Finance support: \$ 1,500 2015 - 2016Desalination using Graphene Leader of the LG Challenges Activity LG Group, Republic of Korea Online teaching 2011 Online Educational service activity (Child of a soldier in the Army)

Main Activity: Teaching math to an elementary student

REFERENCE LISTS-

Bong Jun (David) Choi, PhD.

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