Curriculum Vitae
Kyeong Joo Jung, M.S.

Home address: 1595 North High Street, Apt 507, Columbus, Ohio, 43201
Phone number: +1-614-313-6378
E-mail: jung.759@osu.edu / homepage: https://iamkj03.github.io/about/

EDUCATION

2019 – Present	Enrolling Ph.D degree of Computer Science, Ohio State University Ohio, USA
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- 2019	*IT employee* at Korea International School IT Team Server/Network maintenance, Web page management, develop (Wordpress), Privacy management, IT asset management 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, Bioinformatics, Machine Learning, Digital Forensics, Privacy,

PUBLICATIONS

1. **Kyeong Joo Jung,** Woo Simon. (2018), "SECURITY Comparison on KOREAN Password / Authentication Policy and Other Countries". International journal of protection, security & investigation, 3(2): 6-13, Dec. 2018. (Journal)

2. **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 Paper)

3. **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)

4. 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

2019	Fuzzing Intel SGX with AFL Ohio State University Security Lab Research Assistant
2018	Music Genre Classification using Machine Learning Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) Class Project
2018	Password, Authentication Policy Research over Countries Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) Personal Project
2018	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

SKILLS

- Python (Well), Java, C, C++ (So-So)
- Java Standard Edition 6 Programmer Certified Professional (OCJP) (2016)   Institute: Oracle
- Tensorflow, Keras
- Database(MySQL, JDBC, XAMPP, TOMCAT)

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	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, Junseong Han

TEACHING EXPERIENCES

Teaching Assistant at <u>Ohio State University</u>
Courses Graded

2020	CSE3461: Computer Networking
2019	CSE3461: Computer Networking

Teaching Assistant at <u>Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea</u>
Courses Graded & 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

2020	*Teaching Assistant* Scholarship
	Ohio State University
2019	*Research Assistant + Teaching Assistant* Scholarship
	Ohio State University
2018	*Research Assistant* Scholarship
	Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea
2017 - 2018	*Teaching Assistant* Scholarship
	Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea
2017	*'Global Elite'* Award
	Yonsei University, Republic of Korea
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

CERTIFICATES

2017 – 2018	Certificate of *Best of the Best member (Digital Forensics Track)*
	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 *Study & Training*
	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

SERVICES

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

REFERENCE LISTS

Bong Jun (David) Choi, PhD.
Assistant Professor, Computer Science Department, Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) +82-10-9686-6942
E-mail: bjchoi@sunykorea.ac.kr

Kwang Deok Seo, PhD.
Professor and Chair, Computer & Telecommunications Engineering Division, Yonsei University +82-10-4708-3370
E-mail: kdseo@yonsei.ac.kr

Joosaeng Kim
Senior Researcher, Ahnlab Inc., +82-10-6633-2825
E-mail: joosaeng.kim@ahnlab.com