

## Curriculum Vitae

### Kyeong Joo Jung, M.S.

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**EDUCATION**

2019 – Present	Enrolling Ph.D degree of Computer Science, Ohio State University Ohio, USA
2017 – 2018	<i>Master's degree of Computer Science</i> , Stonybrook University-State University of New York (SUNY) Korea (Global University Campus) Republic of Korea
2014 - 2015	<i>Exchange Student</i> in Computer Science (BS), Angelo State University Texas, USA
2011 - 2017	<i>Bachelor of Computer Engineering</i> , Yonsei University Republic of Korea

**EMPLOYMENTS**

2018- 2019	<i>IT employee</i> at <u>Korea International School IT Team</u> Server/Network maintenance, Web page management, develop (Wordpress), Privacy management, IT asset management Republic of Korea
2016	<i>Internship</i> at <u>The Korean Association for Industrial Technology Security</u> Security Operation Service Equipment check-up on small and medium industrial company Republic of Korea

**RESEARCH INTERESTS**

Analyzing Spatial Data using Statistical modeling, Bioinformatics, Machine Learning, 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, Soungho 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," HITBSeConf, 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**

2021 ~ present	Pathomic Predictors of Prostate Cancer Progression – Spatial data analysis / ML, Stat modeling used Ohio State University, Stanford University, GE Research Research Assistant
2021 ~ present	Multilayer Stochastic Block Model using Mouse Brain Data Ohio State University Research Assistant
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
- Machine learning(Tensorflow, Keras)
- Database(MySQL, JDBC, XAMPP, TOMCAT)

**PRESENTATION**

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| 2018 | Under Cover of Darkness: Hiding Tasks via Hardware,<br>HITBSeConf, CommSec, Amsterdam, Netherlands, April 2018. |
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<b>PATENT</b>	
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, <b>Kyeong Joo Jung</b>

2017	Detection method and device of hidden task using hardware task switching Bang Hun Lee, Soung Ho Choi, Jun Seok Kim, <b>Kyeong Joo Jung</b> , Yeon Nam Gung, Hyung Suk Kim, Junseong Han
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<b>TEACHING EXPERIENCES</b>	
<i>Teaching Assistant at Ohio State University</i>	

Courses Graded	
2021	CSE1223: Java Programming
2020	CSE1223: Java Programming CSE3461: Computer Networking
2019	CSE3461: Computer Networking

<i>Teaching Assistant at Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea</i>	
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
2016	
2015	
2014	

<b>AWARDS &amp; HONORS</b>	
2020	<i>Teaching Assistant Scholarship</i> Ohio State University
2019	<i>Research Assistant + Teaching Assistant Scholarship</i> Ohio State University
2018	<i>Research Assistant Scholarship</i> Stonybrook University-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea
2017 - 2018	<i>Teaching Assistant Scholarship</i> 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	<i>Dean's List for Excellent Academic Achieve</i> Angelo State University, San Angelo, Texas
2013	Award for Excellence in Squad Commander Training 6th Division commander, Army

<b>CERTIFICATES</b>	
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), <a href="https://www.kitribob.kr/">https://www.kitribob.kr/</a> 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) <a href="#">Angelo State University</a> , San Angelo, Texas
2015	Certificate of Appreciation from KSA (Korean Student Association) <a href="#">Angelo State University</a> , San Angelo, Texas

<b>SERVICES</b>	
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	<i>Representative of freshmen in Computer Engineering department</i> Yonsei University, Republic of Korea
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<b>REFERENCE LISTS</b>	
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Bong Jun (David) Choi, PhD.  
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