

## Curriculum Vitae

### Kyeong Joo Jung, M.S.

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#### EDUCATION

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

#### EMPLOYMENTS

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

#### RESEARCH INTERESTS

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

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|------|---|
| 2019 | Fuzzing Intel SGX with AFL<br>Ohio State University Security Lab<br>Research Assistant  |
| 2018 | Music Genre Classification using Machine Learning<br>Stonybrook University-State University of New York (SUNY) Korea (Global University Campus)<br>Class Project  |
| 2018 | Password, Authentication Policy Research over Countries<br>Stonybrook University-State University of New York (SUNY) Korea (Global University Campus)<br>Personal Project                                       |
| 2018 | Finding vulnerability of Linux<br>Project Leader of the team (Task Force)<br>BoB (Best of the Best), KITRI (Korea Information Technology Research Institute),<br>Republic of Korea<br>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

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 Ohio State University*

### Courses Graded

2020 CSE1223: Java Programming  
CSE3461: Computer Networking

2019 CSE3461: Computer Networking

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

### 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**


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| 2017 – 2018 | Certificate of <i>Best of the Best member (Digital Forensics Track)</i><br>Program training the Next Generation of Top Security Leaders<br><u>Korea Information Technology Research Institute (KITRI)</u> , <a href="https://www.kitribob.kr/">https://www.kitribob.kr/</a><br>Republic of Korea |
| 2017        | Certificate of <i>Study &amp; Training</i><br>Crime Scene Investigation & Forensic Science Program<br><u>National Forensic Service</u> , Republic of Korea   |
| 2015        | Certificate of Achievement from <i>SGA (Student Government Association)</i><br><u>Angelo State University</u> , San Angelo, Texas  |
| 2015        | Certificate of Appreciation from <i>KSA (Korean Student Association)</i><br><u>Angelo State University</u> , San Angelo, Texas   |

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| 2012- 2013 | Republic of Korea Army<br>6th Division, 19 Regiment, 3 Battalion, Infantry<br><i>Training assistant</i> in Recruit Training Center<br><i>Honorable discharge</i> as a sergeant |
| 2011       | <i>Representative of freshmen</i> in Computer Engineering department<br>Yonsei University, Republic of Korea   |

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**REFERENCE LISTS**

Bong Jun (David) Choi, PhD.  
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