

# Curriculum Vitae

## Kyeong Joo Jung

Nationality: Republic of Korea

Home address: Bundanggu Seongnam-daero 151  
416ho

Seongnam-si, Gyeonggido, KS002, Republic of Korea

Phone number: +82-10-2858-3580

E-mail: [iamkj0829@gmail.com](mailto:iamkj0829@gmail.com) / Homepage: <https://iamkj03.github.io>

---



### **EDUCATION**

- |             |                                                                                                                                                      |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2017 - 2018 | Master's degree of Computer Science, Stonybrook University-State University of New York (SUNY) Korea (Global University Campus)<br>Republic of Korea |
| 2011 - 2017 | Bachelor of Computer Engineering, Yonsei University<br>Republic of Korea                                                                             |
| 2014 - 2015 | Exchange Student in Computer Science (BS), Angelo State University<br>Texas, USA                                                                     |
| 2008 - 2011 | Whimoon High School, Republic of Korea                                                                                                               |

### **RESEARCH INTERESTS**

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

### **PUBLICATION**

- |      |                                                                                                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2018 | 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, "POSTER: Undetectable Task Bypassing OS Scheduler via Hardware Task Switching" Proc. ACM Asia Conference on Computer and Communications Security (ASIACCS), Songdo, Korea, June 2018.<br>(Poster) |
| 2018 | Kyeong Joo Jung, Bang Hun Lee, Yeon Nam Gung, Jun Seok Kim, Hyung Suk Kim, Ju Seong Han, Bong Jun Choi, "Under Cover of Darkness:                                                                                                                                                                                                        |

Hiding Tasks via Hardware," HITBSecConf, CommSec, Amsterdam, Netherlands, April 2018. (Technical Paper)

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

### ***PRESENTATION***

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

### ***PATENT***

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, Junseong Han

### ***RESEARCH 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: 1,400,000 won

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: 1,400,000 Won

2016 Reducing jaywalking using LED  
Leader of the Capstone Design team  
Yonsei University LINC, Republic of Korea  
Finance support: 1,800,000 Won

2016 Way to make more culture exchange in the campus  
Leader of Academic Convergence Project team

Yonsei University, Republic of Korea  
Finance support: 150,000 Won

2015 – 2016                      Desalination using Graphene  
Leader of the LG Challenges Activity  
LG Group, Republic of Korea

### ***TEACHING EXPERIENCE***

2017 - 2018                      Teaching Assistant  
BUS215: Intro to Business Statistics (Spring)  
  
CSE101: Introduction to Computational and Algorithmic Thinking  
CSE220: System Fundamentals I (Fall)  
  
CSE114: Computer Science I  
MEC101: Freshman Design Innovation (Spring)  
  
Stonybrook University-State University of New York (SUNY)  
Korea (Global University Campus), Republic of Korea

2011                                      Online Educational service activity (Child of a soldier in the Army)  
Main Activity: Teaching math to an elementary student

### ***AWARDS&SCHOLARSHIP***

2018                                      Research Assistant Scholarship  
Stonybrook University-State University of New York (SUNY)  
Korea (Global University Campus), Republic of Korea  
Scholarship Amount: \$ 1400 (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 (Month)

2017	<p>Teaching Assistant Scholarship</p> <p>Stonybrook University-State University of New York (SUNY)</p> <p>Korea (Global University Campus), Republic of Korea</p> <p>Scholarship Amount: \$ 1000 (Month), Tuition waiver (Spring semester: half, Fall semester: full)</p>
2017	<p>Research Assistant Scholarship (Summer Break)</p> <p>Stonybrook University-State University of New York (SUNY)</p> <p>Korea (Global University Campus), Republic of Korea</p> <p>Scholarship Amount: \$ 1,500</p>
2017	<p>‘Global Elite’ Award</p> <p>Yonsei University, Republic of Korea</p>
2017	<p>Runner-up Award in Academic Convergence Project Contest on campus</p> <p>Yonsei University, Republic of Korea</p> <p>Finance: 300,000 Won</p>
2016	<p>Scholarship for Developing Career</p> <p>Yonsei University, Republic of Korea</p> <p>Finance: 100,000 Won</p>
2016	<p>Scholarship for Developing Career</p> <p>Yonsei University, Republic of Korea</p> <p>Finance: 200,000 Won</p>
2015	<p>Dean's List for Excellent Academic Achieve</p> <p>Angelo State University, San Angelo, Texas</p>
2013	<p>Award for Excellence in Squad Commander Training</p> <p>6th Division commander, Army</p>
2013	<p>Citation for Meriting on Training Recruit</p> <p>3rd Battalion commander, Army</p>
2012	<p>Citation for Training Excellent Recruit</p>

19th Regimental commander, Army

## ***SKILLS***

### Computer Skills

- Python (Well)
- Java, C, C++ (So-So)
- Familiar with Windows, Ubuntu OS
- Database(MySQL, JDBC, XAMPP, TOMCAT)
- Hadoop
- Encase (Digital Forensics Tool - Used before but still beginner)
- Familiar with Wordpress (Website managing tool)
- Java Standard Edition 6 Programmer Certified Professional (OCJP)  
(2016)  
Institute: Oracle

### Languages (Korean, English)

- Chinese Character 2nd level rating certificate (2014)  
Institute: Korea Test Association
- GRE V: 315(V: 152 Q: 163 WR: 3.5)  
Institute: ETS (2018. 11. 02)
- TOEFL 97(RC: 27 LC: 27 SP: 22 WR:21)  
Institute: ETS (2016. 08 – expired)  
**Taking test again at 2018. 11.**

### Driver's License (2013)

## ***SERVICE***

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 stores

KSA (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

A training assistant in Recruit Training Center

Honorable discharge as a sergeant

2011

Representative of Freshmen in Computer engineering department

Yonsei University, Wonju, Republic of Korea

## CERTIFICATES

2018

## Certificate of Young Professional Forum

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 &amp; Technology Societies (KOFST)

Republic of Korea

2017.07 – 2018.04

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).

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

***Work Experience***

2018- IT Staff at Korea International School IT Team  
Server maintenance, Web page management, develop (Wordpress)  
Network maintenance, Privacy 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

2018 Group Facilitator at Global Leader Forum for Youth  
Facilitating group of students for the forum about UN SDGs  
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

2014 Usher at LeGrand Stadium (Football Stadium) on campus  
Guiding crowds to their seats and giving information  
Angelo State University, Texas

***Other Experience***

2015

Presentation for Future Exchange Student as America representative

Yonsei University, Republic of Korea

Topic: My experience in America and advice living in America