

Curriculum Vitae

Kyeong Joo Jung

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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 |
| 2011 - 2017 | Bachelor of Computer Engineering, Yonsei University
Republic of Korea |
| 2014 - 2015 | Exchange Student in Computer Science (BS), Angelo State University
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.
(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:)
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 & 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