

Curriculum Vitae

Kyeong Joo Jung

Nationality: Republic of Korea

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EDUCATION

- | | |
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| 2017 - 2018 | Master's degree of Computer Science, 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, Privacy, Information Security, Digital Forensics, 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 diverse OS (Linux, Mbed)
Project Leader of the team (Task Force)
BoB (Best of the Best), KITRI (Korea Information Technology Research Institute), Seoul, 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), Seoul, Republic of Korea
Finance support: 1,400,000 Won

2016 Reducing jaywalking using LED
Leader of the Capstone Design team
Yonsei University LINC, Wonju, 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, Wonju,

Finance support: 150,000 Won

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

TEACHING EXPERIENCE

2017 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)
SUNY Korea, Incheon, 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
SUNY Korea, Incheon, Republic of Korea
Scholarship Amount: \$ 1400 (Month), Tuition waiver(70%)

2018 Teaching Assistant Scholarship
SUNY Korea, Incheon, Republic of Korea
Scholarship Amount: \$500 (Month)

2017 Teaching Assistant Scholarship
SUNY Korea, Incheon, Republic of Korea
Scholarship Amount: \$ 1000 (Month), Tuition waiver(Spring semester: half, Fall semester: full)

- 2017 Research Assistant Scholarship (Summer Break)
 SUNY Korea, Incheon, Republic of Korea
 Scholarship Amount: \$ 1,500
- 2017 ‘Global Elite’ Award
 Yonsei University, Wonju, Republic of Korea
- 2017 Runner-up Award in Academic Convergence Project Contest on campus
 Yonsei University, Wonju, Republic of Korea
 Finance: 300,000 Won
- 2016 Scholarship for Developing Career
 Yonsei University, Wonju, Republic of Korea
 Finance: 100,000 Won
- 2016 Scholarship for Developing Career
 Yonsei University, Wonju, Republic of Korea
 Finance: 200,000 Won
- 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
- 2013 Citation for Meriting on Training Recruit
 3rd Battalion commander, Army
- 2012 Citation for Training Excellent Recruit
 19th Regimental commander, Army

SKILLS

Computer Language (C, C++, JAVA, Python)

- Python (Well)
- Java, C, C++ (So-So)

- Familiar with Windows, Ubuntu OS
- 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
- TOEFL 97(RC: 27 LC: 27 SP: 22 WR:21)
Institute: ETS

Document (Word, Excel, Power point, Access, etc)

- Well

Driver's License (2013)

SERVICE

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| 2015 | <p>SGA (Student Government Association) International Senator</p> <p>Angelo State University, San Angelo, Texas</p> <p><u>Main Activity:</u> Representing international students</p> <p>Activity about contracting discount system with local stores</p> |
| 2014 - 2015 | <p>KSA (Korean Student Association) President</p> <p>Angelo State University, San Angelo, Texas</p> <p><u>Main Activity:</u> Representing Korean students and holding events to promote about Republic of Korea on campus</p> <p>Report: - Published on Ram page (campus newspaper) about KSA events</p> <p>Volume 81, Issue 18, February 20, 2015</p> <p>Volume 81, Issue 19, February 27, 2015</p> <p>- Interview with local broadcast about opening new public transportation on behalf of international students, San</p> |

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 Science
 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)
 Seoul, Republic of Korea

2017.07 – 2018.04 Certificate of Best of the Best member
 Program training the Next Generation of Top Security Leaders
 Korea Information Technology Research Institute (KITRI).
 Seoul, Republic of Korea

2017 Certificate of Study & Training
 Crime Scene Investigation & Forensic Science Program
 National Forensic Service, Wonju, 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 Work-Study at SUNY KOREA IT & General Team
Maintenance support for IT on campus
Incheon, Republic of Korea
- 2018 Group Facilitator at Global Leader Forum for Youth
Facilitating group of students for the forum about UN SDGs
Incheon, 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
Seoul, Republic of Korea
- 2014 Usher at LeGrand Stadium (Football Stadium) on campus
Guiding crowds to their seats and giving information
Angelo State University, San Angelo, Texas

Other Experience

- 2015 Presentation for Future Exchange Student as America representative
Yonsei University, Wonju, Republic of Korea
Topic: My experience in America and advice living in America

