Curriculum Vitae
Kyeong Joo Jung

Nationality: Republic of Korea

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EDUCATION

2017 - 2018	Master's degree of Computer Science, Stonybrook Unversity-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, 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 diverse OS (Linux, Mbed)

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 Unversity-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 Unversity-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 Unversity-State University of New York (SUNY)

                       Korea (Global University Campus), Republic of Korea

                       Scholarship Amount: $500 (Month)

2017	Teaching Assistant Scholarship
	Stonybrook Unversity-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea
	Scholarship Amount: $ 1000 (Month), Tuition waiver (Spring semester: half, Fall semester: full)

2017	Research Assistant Scholarship (Summer Break)
	Stonybrook Unversity-State University of New York (SUNY) Korea (Global University Campus), Republic of Korea
	Scholarship Amount: $ 1,500

2017	'Global Elite' Award
	Yonsei University, Republic of Korea

2017	Runner-up Award in Academic Convergence Project Contest on campus
	Yonsei University, Republic of Korea
	Finance: 300,000 Won

2016	Scholarship for Developing Career
	Yonsei University, Republic of Korea
	Finance: 100,000 Won

2016	Scholarship for Developing Career
	Yonsei University, 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 Skills

- Python (Well)
- Java, C, C++ (So-So)
- Encase (Used before but still beginner)
- Familiar with Windows, Ubuntu OS
- Server Management
- 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

- 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
	<u>Main Activity</u>: Representing international students
	Activity about contracting discount system with local stores
2014 – 2015	KSA (Korean Student Association) President
	Angelo State University, San Angelo, Texas
	<u>Main Activity</u>: 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)

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-   IT Staff at Korea International School IT Team

Server maintenance, Web page management, develop (Wordpress)

Network maintenance

Republic of Korea

2018   Work-Study at Stonybrook Unversity-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