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, 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   Teaching Assistant Scholarship

                       Stonybrook University-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 University-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)

- 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

                <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)
	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
	<u>Korea Information Technology Research Institute (KITRI),</u>
	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 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

         <u>Topic</u>: My experience in America and advice living in America