

Junsung Cho

CONTACT INFORMATION	Department of Electrical and Computer Engineering Sungkyunkwan University, Republic of Korea	+82 31 299 4104 js.cho@skku.edu
RESEARCH INTERESTS	Security Engineering, Mobile Security, Internet of Things Security and Usable Security	
EDUCATION	M.S./Ph.D Security Engineering, Sungkyunkwan University, Republic of Korea <ul style="list-style-type: none">• Supervisor: Prof. Hyounghick Kim B.S. School of Computer Science and Engineering, Korea University of Technology and Education, Republic of Korea <ul style="list-style-type: none">• Supervisor: Prof. Sangjin Kim	2014–present 2010–2014
PUBLICATIONS	<ol style="list-style-type: none">1. “User Credential Cloning Attacks in Android Applications”, Junsung Cho, Dayeon Kim and Hyounghick Kim, IEEE Consumer Electronics Magazine, 2017. (accepted)2. “IoE Security Threats and You”, Jungwoo Ryoo, Soyoung Kim, Junsung Cho, Hyounghick Kim, Simon Tjoa and Christopher Derobertis, ICSSA: The 3rd International Conference on Software Security and Assurance, Altoona, USA, 2017.3. “SysPal: System-guided Pattern Locks for Android”, Geumhwan Cho, Jun Ho Huh, Junsung Cho, Seongyeol Oh, Youngbae Song and Hyounghick Kim, S&P: The 38th IEEE Symposium on Security and Privacy, San Jose, USA, 2017.4. “Design of Backdoor on Android Devices”, Junsung Cho, Geumhwan Cho, Sangwon Hyun and Hyounghick Kim, S&P: The 38th IEEE Symposium on Security and Privacy (Poster), San Jose, USA, 2017.5. “Wrong Siren! A location spoofing attack on indoor positioning systems: the Starbucks case study”, Junsung Cho, Jaegwan Yu, Sanghak Oh, Jungwoo Ryoo, Jaeseung Song and Hyounghick Kim, IEEE Communications Magazine6. “Combating online fraud attacks in mobile-based advertising”, Geumhwan Cho, Junsung Cho, Youngbae Song, Donghyun Choi and Hyounghick Kim, EURASIP Journal on Information Security, Vol. 2016(1), 2016.7. “An empirical study of click fraud in mobile advertising networks”, Geumhwan Cho, Junsung Cho, Youngbae Song and Hyounghick Kim, IWCC: The 4th Workshop on Cyber Crime held in conjunction with ARES, Toulouse, France, 2015.8. “Keyboard or Keylogger?: a security analysis of third-party keyboards on Android”, Junsung Cho, Geumhwan Cho and Hyounghick Kim, PST: The 13rd International Conference on Privacy, Security and Trust, Izmir, Turkey, 2015.	
PATENTS	<ol style="list-style-type: none">1. “Method of Sharing Key between Devices using Physical Access Restriction,” Sanghun Jeon, Hyounghick Kim, Minsoo Kim, Kyoungwon Park, Junsung Cho and Jaegwan Yu, US2016330182 (A1), 2016.2. “Method of Sharing Key between Devices using Physical Access Restriction,” Sanghun Jeon, Hyounghick Kim, Minsoo Kim, Junsung Cho, Kyoungwon Park and Jaegwan Yu, DE102016207736 (A1), 2016.	

3. "Method of Sharing Key between Devices using Physical Access Restriction," Sanghun Jeon, Hyounghshick Kim, Minsoo Kim, **Junsung Cho**, Kyoungwon Park and Jaegwan Yu, JP2016213839 (A), 2016.
4. "Method of Sharing Key between Devices using Physical Access Restriction," Sanghun Jeon, Hyounghshick Kim, Minsoo Kim, **Junsung Cho**, Kyoungwon Park and Jaegwan Yu, CN106131827 (A), 2016.
5. "Method of Sharing Key between Devices using Physical Access Restriction," Hyounghshick Kim, **Junsung Cho**, Kyoungwon Park and Jaegwan Yu, KR20160132302 (A), 2016.

AWARDS	Student Travel Grants, 38th IEEE Symposium on Security and Privacy	2017
	The best presentation award, A3 workshop	2016
	The best paper award, CISC 2015	2015
	National cryptography competition, National Security Research Institute	2015

TEACHING EXPERIENCE	Teaching Assistant	
	Sungkyunkwan University, Republic of Korea	
	• ICE2002 - Data Structures Instructor: Prof. Hyounghshick Kim	Spring 2017
	• ICE2002 - Data Structures Instructor: Prof. Hyounghshick Kim	Fall 2016
	• ECE5967 - Security Engineering Instructor: Prof. Hyounghshick Kim	Spring 2016
	• CSE2014 - Basic Programming Languages Instructor: Prof. Hyounghshick Kim	Spring 2016
	• CSE2014 - Basic Programming Languages Instructor: Prof. Jaeyoung Choi	Fall 2015
	• CSE2014 - Basic Programming Languages Instructor: Prof. Hyounghshick Kim	Spring 2015