Suhwan **Lee**

ELECTRONICS ENGINEER · SOFTWARE

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Bio Sketch

Mr. Lee is now with LG Electronics as senior research engineer, developing Embedded network SW include Wi-Fi module installed in Smart home Appliances(IOT). He received the B.S degree in Computer Engineering at Korea Maritime University, Pusan, Korea in 2011 and M.S degree in Computer Engineering at Pusan National University, Pusan, Korea in 2013. His research interests IoT Networking solutions and security design for weak Electric Fields.

Education

Korea Maritime University   *Pusan, S.Korea*
BS STUDENT IN SCHOOL OF COMPUTER ENGINEERING   *Mar. 2004 Sep. 2011*

Pusan National University   *Pusan, S.Korea*
MS STUDENT IN SCHOOL OF COMPUTER ENGINEERING   *Mar. 2011 Sep. 2013*

Kyungpook National University   *Daegu, S.Korea*
PH.D STUDENT IN SCHOOL OF ELECTRONIC ENGINEERING   *Mar. 2022 – Present*

Skills

Programming Embedded C
Security Threat Modeling
Languages Korean, English

Experience

LG Electronics, Professional Research Engineer   *Changwon, S.Korea*
SOFTWARE ENGINEER   *Mar. 2013 Present*

- Project Leader for Wi-Fi modem development
- Project Leader for IoT platform development
- Developing UP appliances (Firmware Update functionality)
- Participating in task for compliance with EU security regulations (ETSI EN 303 645)
- Developed IoT Open Flatform(Alljoyn, Weave, OCF)
- Acting as a SW Security Specialist
- Acting as a judge for SW Security Specialist

Extracurricular Activity

AI-SoC (AI-Embedded System-Software-on-Chip Platform) LAB   *S.Korea*
MEMBER   *Jun. 2022 - PRESENT*

INS (IoT Network & System) LAB   *S.Korea*
MEMBER   *Jun. 2011 - 2013*