

Contact

www.linkedin.com/in/jhson
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www.lg.com (Company)
www.nfc-forum.org (Other)

Top Skills

NFC
Mobile Applications
Mobile Communications

Publications

Denial of service attack-resistant flooding authentication in wireless sensor networks
Energy Efficient Group Key Management Scheme for Wireless Sensor Networks
Selective Timewarp Based on Embedded Motion Vectors for Interactive Cloud Virtual Reality
Topological Key Hierarchy for Energy-Efficient Group Key Management in Sensor Networks
Authenticated flooding in large-scale sensor networks

Patents

Multi-network access method and communication device thereof
Electronic device and method for operating an electronic device
Electronic device and operating method thereof
Method and an apparatus for controlling messages between host and controller
Method and an apparatus for controlling messages between host and controller

John Juhyung Son

VP of Standards and Innovation at WILUS Inc.
Seongnam, Gyeonggi, South Korea

Summary

Experienced Researcher with a demonstrated history of working in the telecommunications industry. Skilled in Wireless Communications and Media Coding Standards. Strong business development professional with a Ph.D focused in Electronics.

Experience

WILUS, Inc

Vice President, Co-founder

December 2012 - Present (13 years 3 months)

Hwangsaeul-ro 216, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea

- WILUS institute is the research and standardization oriented company that focuses on technology areas such as MPEG 3D Audio, IEEE 802.11 WLAN, and LTE, etc.
- Standardization of wireless network systems, such as Wireless LAN, LTE, etc.
- Strategic Consulting, including standardization plan & intellectual property strategy development.
- Advising new research & standardization project formation of SME corporations and business structures, drafting standard contributions and structuring simulation & measurements researches.
- Maintain comprehensive database of standard, research, and intellectual property information and provide related consulting services.

LG Electronics

Senior Research Engineer, LGE Advanced Institute of Technology

March 2008 - December 2012 (4 years 10 months)

NFC(RFID) Standardization & Development

Mobile Applications Development

NFC Forum

Vice-chairman of NCITF

April 2010 - February 2011 (11 months)

Education

Seoul National University

Ph.D, Electronics · (2001 - 2007)

University of Illinois at Urbana-Champaign

Visiting Scholar, Computer Networks · (2004 - 2005)

Yonsei University

Bachelor of Engineering - BE, Electronics Engineering · (March
1996 - February 2001)