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| **Sungkun Yoon** | | Backend Developer |  |  |
| Address | Suji-gu, Yongin-si, Gyeonggi-do, Korea | |
| Phone | +82-10-7372-7851 | |
| E-Mail | sk4u.yoon@gmail.com | |
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**▣ Work History** 14years

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| **Web Plaza** | **Seoul, Korea** |
| Principal Engineer | Mar 2020 – Aug 2022 (2y 6m) |
| * Smart Factory System Management   + ACS Server Development (Based on Java Spring Framework)     - Designed ACS-AGV message protocol   + ACS Maintenance and add feature     - Added ability to load products into AGV charging stations     - Modify AGV path and charge logic   + Installed the ACS Server     - AGV moving path design in Factory (Sejong, Busan)     - Linked each AGV manufacturer to ACS. * Assembled an AGV prototype.   + - Installation ROS in AGV and implemented a program for verify H/W. | |

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| **Solu-M** | **Yongin, Korea** |
| Senior Engineer | Sep 2015 – Mar 2019 (3y 7m) |
| * Electronic Shelf Label System   + ESL Image Server Develop (Based on Spring Framework)     - Developed Images create module     - Implemented an automated DB index fragmentation improvement (MSSQL).     - Add feature for the Layout designer     - Development of price information parsing and update module for each customer.   + Central ESL Server Develop     - Add feature for the Layout designer     - Implement entire store and individual store update function using the store code   + To support ESL Server setup for Customer     - Metro in Germany and Japan     - Beer Store in North America (Central ESL Server)     - Nonghyup, Samsung Digital-Plaza in Korea | |

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| **Samsung Electro-Mechanics** | **Suwon, Korea** |
| Research Engineer | Apr 2012 – Aug 2015 (3y 5m) |
| * Electronic Shelf Label System   + Developed ESL 7-Segment Server (Based on C++)     - Developed Monitoring Program for ESL Progress     - Converting from ESL Server for Windows to Linux   + ESL Image Server Develop (Based on Spring Framework)     - Developed Monitoring Web UI   + To support ESL Server setup for Customer     - REWE in Germany (7-Segment)     - E-Mart in Korea (Image Server) | |

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| **From2** | **Daejeon, Korea** |
| Research Scientist | Oct 2007 – Mar 2012 (4y 6m) |
| * Surveillance and Reconnaissance WSN (Military Project)   + Developed Sensor Node Device     - Developed Sensor, RTC, RF, AMP Device Driver for MCU     - OS Porting for MCU(MSP430)   + Sensor Data Processing     - Sensing Data Sampling     - Developed Stabilization of Application Task in OS and implementation of Resource Management Algorithm * Situational awareness video transmission USN   + Development of Linux Device Driver for the Gateway     - Porting Linux Kernal and Making Filesystem Image for Gateway     - Developed the video encoder, decoder, 4-channel codec control LDD (MG1264)     - RTSP Server recompile for Gateway (ARM arch)     - RF(CC2420) LDD Developed | |

**▣ Education**

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| **Hanbat National University** | **Daejeon, Korea** |
|  | Mar 2006 – Feb 2008 |
| * Master of Science in Radio Communication Engineering   + Cumulative GPA 4.3   + Thesis : Low Power Algorithm of ZigBee Router for Non Beacon Enabled PAN | |

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| **Hanbat National University** | **Daejeon, Korea** |
|  | Mar 2000 – Feb 2006 |
| * Bachelor of College of Information and Communication Engineering.   + Cumulative GPA 3.86.   + Military leave of absence from University. (Jan 2002 - Feb 2004) | |