

# Chungmin LEE

Software Engineer / Seoul, Korea

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## TECHNICAL SKILLS

- Embedded: C, C++, Arduino, Raspberry Pi, Bluetooth, TCP/IP, Ether CAT, STM32, RS232
- Front-end: Kotlin, Java, Python3, Spring Boot
- Back-end: Kotlin, Python3, Spring Boot

## PROFESSIONAL EXPERIENCE

### Doosan Digital Innovation — Software Engineer

SEP 2021 - CURRENT

- Doosan Robotics Dart Platform Advancement (SEP 2021 – DEC 2022)
  - Development of Upper level Controller (Tablet Controller) New Function with JavaFX (UI library), Kotlin and Development of lower level Controller(Robot Controller) to communicate with Upper level Controller with TCP/IP, Ether Cat
  - Improvement of operation performance of Upper-level controller and Upgrade existing bugs using Garbage Collection Tuning(JVM)
- Seegene Medical Foundation LIS (Laboratory Information System) (JAN 2023 – CURRENT)
  - Development of diagnostic test result data transmission Pipeline with Spring Boot, Oracle DB, Java

### Bluecom, Incheon — Firmware & Software Engineer

FEB 2020 - FEB 2021

- LG TWS (True Wireless Stereo) Bluetooth Earphone HBS-FN7 Series
  - Bluetooth boot, connection customization using data sheet of ab155x chipset
  - Development of DSP, MCU Firmware using Bluetooth, BLE Profiles (A2DP, AVRCP etc.)

### Future Gen, Seoul — Software Engineer (Intern)

AUG 2019 - NOV 2019

- Pos System
  - Development Data insert automation system for pos system administrator using MFC, C#
  - Customization barcode scanners, scales, and receipt printers used in POS systems through serial communication

### KAIST I-Code Lab Center — Teacher

DEC 2018 - JUL 2019

- Computer Science & Language Education (JAN 2023 – CURRENT)
  - Education C, Python, Algorithms, Arduino, Raspberry Pi, etc. for elementary, middle, high School and University students

## EDUCATION

Bachelor of Science in Computer Science Engineering, Kongju National Univ.(GPA 3.68/4.5)

MAR 2013 - AUG 2019

## TECHNICAL TALKS

CEBIT(Hanover)	JUN 2018
IFA(Berlin)	SEP 2017
CES(Las Vegas)	JAN 2017
CES Asia(Shang Hai)	OCT 2015

## CERTIFICATION

Engineer Information Processing	AUG 2019
ADsP(Advanced Data Analytics Semi-Professional)	NOV 2022

## LANGUAGE

English (Proficient)