



# Hyeongrok Heo

DEVELOPER

Current working as a back-end engineer with 2 years of hands-on experience in developing flask based back-end system and managing overall service on deployment server. Interested in system automation and DevOps, and willing to learn Docker/Kubernetes based cloud system (CI/CD).

## Profile & Experience

- Programming Languages: Python (preferred), C, C++
- Founded Volunteer Organization for Software Education ([https://www.instagram.com/code\\_coach\\_/](https://www.instagram.com/code_coach_/))
- Experience in building personal blog with Jekyll (<https://hhr.kr>)

## Employment History

### SW Developer, Autosemantics. Inc., Seoul (Technical Research Personnel)

FEBRUARY 2020 — SEPTEMBER 2021

#### SVMS Project (2020.02 ~ 2020.07)

- Developed IoT Edge Device based Vibration data collection & analysis system
- Developed Back-End System, Web UI Front

#### Boltzmann Project (2020.06 ~) (<https://boltzmann.kr/>)

- Develop Building Energy Management System (BEMS)
- Developed BACnet protocol-based building control system
- Developed Flask based web API
- Developed web service for monitoring building status and control equipment
- Migrate system to Kubernetes based
- Approved GS Certification (<https://url.kr/fzseqv>)

## Education & Research

### Bachelor of Science, Pusan National University, Busan

MARCH 2014 — FEBRUARY 2018

Computer Science Engineering

### Master of Science, Pusan National University, Busan

MARCH 2018 — FEBRUARY 2020

## Details

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<https://github.com/hyeongrokheo>

## Skills

Python, Flask based Web Service (API Service)

Overall Linux System & Docker, Back-End Development

Relational Database (MySQL, MariaDB, MSSQL)

VCS - Git

## Languages

### Korean (native)

English (Limited working proficiency)

## Computer Science Engineering - Intelligent System Laboratory

- Research about Genetic Algorithm (Factory scheduling automation, Air conditional control automation)