

# Seunghoon Shin

SOFTWARE ENGINEER · BACK-END

Seoul, Republic of Korea

☎ (+82) 10-5577-5814 | ✉ newinh90@gmail.com | 🏠 newinh.me | 📱 newinh | 🌐 newinh | 📺 newinh

## Summary

1+ year experience in back-end development. Experienced embedded, Android, iOS development as a beginner, recently worked on project related to collecting data in fashion AI company.

Open culture of IT industry was so impressive that I started developing software. As I got help and inspired, I want to be an engineer who can help. Main skills are Python, flask, MySQL now, but I'm ready to challenge other technical skills and accomplish projects.

## Skills

<b>Programming</b>	Python, Swift, Java
<b>Frameworks</b>	Flask, Scrapy, pandas
<b>Infrastructures</b>	AWS, Docker, MySQL
<b>Languages</b>	Korea(native), English(Business)

## Work Experience

### Omnious. Co., Ltd.

Seoul, S.Korea

BACK-END ENGINEER

Nov. 2017 -

#### Labeling Tool

- Maintained back-end of in-house web application having 50+ active users for collecting fashion data to train AI model.
  - AWS, Docker, CircleCI, Jenkins, Rancher
- Designed RESTful HTTP API, developed server serving them.
  - Python, flask, Swagger, NGINX, uWSGI
- Established relation of domain model, designed database schema.
  - DDD, MySQL
- Built HTTP access logging system and pipeline to store it.
  - fluntd, fluent-bit
- Introduced unit testing, style guide of codebase.

#### Data Delivery

- Exported collected data based on a rule of extraction to train AI model and processed in a form that is easy to train.
- Established the rule of extraction for data having combined label, developed a program that parses documented the rule.
- Automated process from data extraction to data processing, developed CLI to access automated data transfer system.
- pandas, Celery

#### Crawler

- Implemented 20+ web crawler for collecting fashion image, developed a scheduling tool for management.
- Built serverless pipeline that stores crawled data in a repository.
- Scrapy, ScrapingHub, AWS, Zappa

### LayGen Inc.

Gyeonggi-do, S.Korea

SOFTWARE DEVELOPER INTERN

Aug. 2017 - Sep. 2017

- Participated to manufacturing operating module for a prototype of 3D printer and developed software control the module.
- Developed GUI so that hardware engineer can test controlling each part of 3D printer.
- Python, PyQt, Raspberry Pi, Arduino

### LINE Corp.

Gyeonggi-do, S.Korea, S.Korea

SOFTWARE DEVELOPER INTERN

Apr. 2017 - May. 2017

- Prototyped iOS application "Targeted Video" emphasizing object user want in video.
- Used technique of contour extraction, image segmentation and stabilization.
- Implemented video editing function that cuts or pastes object user selected.
- Swift, OpenCV

## UXEnterprise

SOFTWARE DEVELOPER INTERN

Seoul, S.Korea

Aug. 2016 - Sep. 2016

- Prototyped Android application viewing Female biorhythm.
- Implemented connection with a measuring device using Bluetooth.
- *Java, Android*

## Education

---

### BoostCamp, Connect Foundation education program

Seoul, S.Korea

iOS COURSE

Jan. 2017 - Feb. 2017

- Developed iOS Application, "Color to Sound, Sound to Color! ChromaTone"
  - <https://github.com/newinh/ChromaTone>

### Konkuk University

Seoul, S.Korea

B.S. IN ELECTRONICS

Mar. 2009 - Feb. 2016

- Graduation piece, "IOT Door Lock using Wireless Home Router & Android Device"