

Side Project

HyungRyul Kim

WOOM Market

2020.02 ~

<https://github.com/Ryulth/woom-api>

- Talent Sharing Platform WOOM Service Backend
- Programming language : Kotlin / TypeScript
- Technology used : Spring Boot / MySQL / DynamoDB / AWS Lambda / Elastic Search / Redis / JWT Token / Linux / NGINX /

Work Life Bell

2019.07

<https://github.com/Ryulth/work-life-bell>

- Development of an app that automatically records commuting to protect work and life balance. Backend charge
- Programming language : Kotlin
- Technology used : Spring Boot / MySQL / JWT Token / Linux / NGINX

Timeline service backend

2019.07

2019 NAVER D2 CAMPUS FEST

<https://github.com/Ryulth/timeline-backend>

- Developed timeline service of SNS. Backend charge
- Programming language : Java
- Technology used : Spring Boot / MySQL / Redis / JWT Token / Linux / NGINX

Real-time product auction platform

2019.05

2019 NAVER CAMPUS HACKDAY SUMMER

<https://github.com/Ryulth/realtime-auction-platform>

- Development of a platform that conducts auctions in real time and handles issues related to concurrency.
- Programming language : Java / HTML5 / JavaScript
- Technology used : Spring Boot / WebSocket / MySQL / Redis / Event Sourcing Pattern / JWT Token / jQuery

KlasHelper

2019.01 ~ 2019.06

<https://github.com/Ryulth/realtime-auction-platform>

- We develop an application that provides a task notification service by crawling the school task site. Build an api server that crawls the site and develop a back-end server that has a bulletin board function. Client is implemented with Flutter to support cross platform
- Programming language : Java / Python / Dart
- Technology used : Spring Boot / Android / Django / Linux / NGINX / Docker / Jenkins / MySQL / Flutter

AWFS (Attendance with Fingerprint Service)

2018.10 ~ 2018.12

<https://github.com/Ryulth/AWFS>

- Developed a system that can check students' attendance by fingerprint recognition using microservice technology and MQTT protocol. In addition, the development of an interlocking system using a fingerprint recognition module.
- Programming language : Python

- Technology used : AWS Lambda / AWS DynamoDB / AWS S3 / AWS API GateWay / MQTT / Raspberry Pi

Medical data analysis program

2018.10 ~ 2018.12

<https://github.com/Ryulth/OrientalMedicine>

- KyungHee Medical Center developed a system that predicts the likelihood of disease according to one's five elements by assigning yin and yang five elements to medical data.
- Programming language : Python / HTML5 / JavaScript
- Technology used : Django / AWS / Jupyter Notebook / Linux / NGINX / Docker / Jenkins / MySQL

Is Your Alba ?

2018 KHUTHON

2018.11

<https://github.com/Ryulth/IsYourAlba>

- A combination of a simple MBTI test and one's own yin and yang may be recommended through a neural net model for a part-time job that fits the tendency. Also, a site that displays part-time job information by marking it on a map through an Alban crawl.
- Programming language : Python / HTML5 / JavaScript
- Technology used : Django / Linux / NGINX / Docker / Jenkins / MySQL / PyTorch

TODO LIST

2018.10

<https://github.com/Ryulth/todo-list>

- Produce a page to manage the user's TODO LIST. When the period has passed, it is automatically converted to the period that has passed. It provides basic TODO addition, deletion, and modification functions.
- Programming language : Python / HTML5 / CSS / JavaScript
- Technology used : Django / Linux / NGINX / Docker / Jenkins / MySQL

H1B Visa Predict

Kaggle Inc

2018.08

https://github.com/Ryulth/H1B_Visa_prediction_kaggle

- 2011-2016 H-1B Visa data analysis to predict the success of Visa issuance.
- Programming language : Python
- Technology used : Jupyter Notebook / Scikit-learn

Phot~to

2018.04 ~ 2018.06

<https://github.com/Ryulth/video-to-photo>

- Produced a program that converts videos to panoramic photos.
- Programming language : Python
- Technology used : OpenCV

Seocheon Middle School SW Education

2017.09 ~ 2018.02

Volunteer

KyungHee University

- Algorithm solving and donation of C ++ talent to members of Seocheon Middle School Coding Club
- Programming language : C / C++
- 3 hours once a week + α

Ra Hee-eon

2017.10 ~ 2017.12

<https://github.com/Ryulth/Ra-Hee-eon>

- Using KakaoTalk Plus friends to create a chat bot that tells the weather.
- Programming language : Node.js
- Technology used : Express / Linux / Google maps API / Weather Planet API