



Changhyun An

SOFTWARE ENGINEER

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- Software engineer with fundamental knowledge and experience of building web applications and REST APIs utilizing cloud services – from software design to continuous integration and deployment.
- Diligent and passionate learner with fine learning curve who craves for continuous improvement.

Skills

LANGUAGES/Frameworks

Python3 / Flask
NodeJS / ExpressJS

STORAGES

MySQL / SQLite / Redis / MongoDB

DEVOPS

AWS / Docker / CircleCI

TOOLS

Git / Vim / Nginx / Swagger

DEV PRACTICES

Agile / REST / Microservices

COMMUNICATION

English (Fluent) / Korean (Native)

Education

UNIVERSITY OF THE PEOPLE, PASADENA, CA, USA

BS in Computer Science,
2018.05 - Present
(Part time & **Fully** online)

PENNSYLVANIA STATE UNIVERSITY, STATE COLLEGE, PA, USA

BS in Biotechnology
2012 - 2013 (Drop Out)

Experiences

BACKEND DEVELOPER (FULL TIME),

@OMNIOUS; SEOUL, KOREA – 2016.12 - 2018.05

- ▶ Designed and Developed REST APIs of the In-house web application for training AI. Maintained for 6+ months having 50+ active users.
 - Python, Flask, MySQL, Nginx, Docker, AWS
- ▶ Developed ETL system; Implemented 200+ web crawlers and built a scheduling tool for management. Built a crawler generator tool to increased the crawler productivity over >200%.
 - Python, Scrapy, ScrapingHub, Docker, AWS
- ▶ Had experience with NodeJS; developed several REST APIs in microservice architecture.
 - NodeJS, Koa, Redis, AWS
- ▶ Experienced agile development process: sprint planning, daily scrum meeting, pair programming, backlogging, retrospective and etc.
 - Atlassian Jira, Bitbucket, Confluence

Projects

SIMPLE-ECOMMERCE – 2019.04~

- ▶ A simple e-commerce application built with ExpressJS and MongoDB (<https://github.com/achooan/simple-ecommerce>)
 - NodeJS, ExpressJS, MongoDB

BOILERPLATE FLASK SQLALCHEMY – 2019.01~

- ▶ A simple boilerplate RESTful app with Flask and SQLAlchemy (https://github.com/achooan/boilerplate_flask_sqlalchemy)
 - Python, Flask, SQLAlchemy, Docker, CircleCI