

Min Kyu (Joseph) Cho

mgjo5899@gmail.com

217-607-6513

github.com/mgjo5899

EDUCATION

University of Illinois at Urbana-Champaign
B.S. in Computer Science

Expected: May 2019
GPA: 3.31

SKILLS

- Programming Languages: Python, Java, C, C++, SQL, Shell, Javascript
- Development Tools: Flask, SQLAlchemy, PostgreSQL, Git, Docker, Android, GCP, AWS, Jenkin, Node.js, Linux
- Interests: Backend Server Engineering, Data Engineering, API Development
- Selected Course Works: Database Systems, OS Design, Systems Programming, Algorithms

WORK EXPERIENCE

Granular - Software Engineering Intern Champaign, IL
<PostgreSQL, SQLAlchemy, Flask, Docker, Grunt, Node> Summer 2018

- Built a Slack Bot to help the on-boarding process of new hires from the scratch. Worked on backend server development and designing the project architecture.
- Performed code migration to encapsulate frontend resource compilation that cut down 20% of main project's building and testing time.

Brunswick Corporation - Software Engineering Intern Champaign, IL
<MongoDB, Clowder DMS, Android, AWS, GCP> Summer 2017 - Spring 2018

- Developed a resume categorizer on Clowder DMS. Raised the extraction accuracy up to 90%.
- Analyzed commercial facial recognition services using Labeled Faces in the Wild dataset.

NCSA - SPIN Intern Urbana, IL
<Clowder DMS, GCP, CMUSphinx> Fall 2017 - Spring 2018

- Developed a video transcription tool. Raised the transcription accuracy and the processing speed.

AKA Intelligence - Software Engineering Intern Seoul, South Korea
<Android, Spring, AWS, MySQL, Django, MARF> Summer 2016 - Fall 2016

- Developed an Android multi-touch system based on Linux Multitouch Protocols.
- Developed an Android artificial emotion system using 3D pyramidal Voronoi diagram model.
- Created voice identification backend server using Modular Audio Recognition Framework (MARF).

PROJECTS <More details on my LinkedIn- <https://www.linkedin.com/in/joseph-cho-b70465115/>>

Project WhoAml <Flask, MySQL, SQLAlchemy, Docker> Summer 2018 - Current
• WhoAml project is a service that lets users create their web boards using their social media accounts by posting contents that they want to feature about themselves. Developed the backend side of the project.

MHacks - SocialmedAI <Flask, MySQL, SQLAlchemy, Docker, GCP> Fall 2018
• SocialmedAI analyzes user's social media account's posts in terms of effectiveness. Worked on backend server side of the project

HackRice - Helios <Flask, MySQL, SQLAlchemy, Docker, GCP> Fall 2018
• Helios is an iOS app that tells you information about the property you are looking at through the camera using geolocation data. Working on the backend server side of the project.

HackIllinois - Offline Navigation <Android, AWS> Spring 2018
• Created an offline navigation Android app using Twilio SMS API to provide a data-free navigation experience in emergency situations and for countries with limited coverage. Worked on Android side of the project.