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# **Education**

# Korea Advanced Institute of Science and Technology (KAIST) Mar. 2015 - PRESENT

Daejeon, Korea

· Candidate for B.S. in School of Computing

- KAIST Presidential Fellowship, a scholarship program for top freshmen
- Dean's list 2017 spring semester

# Korea Science Academy of KAIST Mar. 2012 - Feb. 2015

Busan, Korea

· Physics major

# **Experience**

#### Lablup Inc. Developer Intern Sep. 2018 - PRESENT

Seoul, Korea

- Contribution to Backend.ai, a machine learning orchestration solution based on open source.
- · Working on scaling group and scaling driver in multiprocessing environment using Python(asyncio).

#### Classum Full-Stack Developer Mar. 2018 - Aug. 2018

Daejeon, Korea

• Full-stack development of an online class discussion platform with Firebase, TypeScript, and React.js.

#### Lendit Developer Intern Jan. 2018 - Feb. 2018

Seoul, Korea

- Implementation of a financial data crawler for Company's P2P investment & loan platform service.
- Implementation of code snippet manager for Company's official website.

### KAIST Interaction Lab (KIXLAB) RESEARCH INTERN Jul. 2017 - Aug. 2017

Daejeon, Korea

• Research about a system that people can give interactive feedback to video in offline.

# Projects \_\_\_\_\_

# Awesome Applejuice (in progress) Oct. 2018 - PRESENT

• Full-stack development of a web service for selling apple juice using aiohttp, MySQL, and Vue.js.

# Paperplane KAIST CS408 - COMPUTER SCIENCE PROJECT Mar. 2018 - Jun. 2018

Daejeon, Korea

• Full-stack development of a web service for better UX when reading academic paper using Node.js, Express.js, MongoDB, and React.js.

#### newAra SPARCS Sep. 2017 - Jun. 2018

Daejeon, Korea

- Full-stack renewal of online KAIST student community using Vue.js & Django REST framework.
- Project manager since Mar. 2018.

# **Labyrinth** KAIST FRESHMAN PROGRAM Sep. 2017 - Nov. 2017

Daejeon, Korea

Full-stack development of a web service for solving challenging puzzles using VanillaJS and Node.js, and refactored with Vue.js afterwards.

#### AIFI: Async-Interactive Feedback Interface KAIST Interaction Lab Jul. 2017 - Aug. 2017

Daejeon, Korea

- Research and Implementation of a system that people can give interactive feedback to videos without gathering together.
- Back-end development of Android & web application using Node.is & MongoDB.

#### What the shell KAIST CS374 - Introduction to Human Computer Interface Mar. 2017 - Jun. 2017

Daejeon, Korea

• Full-stack development of an interactive web service that translates between Linux CLI commands into GUI actions using VanillaJS.

# **Extracurricular Activity** \_

# SPARCS (KAIST student organization of online services) Developer Mar. 2017 - PRESENT

Daejeon, Korea

- Former vice president. (Jul. 2017 Dec. 2017)
- · Project manager for Zabo, a online campus bulletin board service.
- Speaker for Git, JavaScript, Node.js, Express.js, MongoDB, RESTful API educational seminars.

#### **Entrepreneurship and Immersive Programming Camp** Developer Dec. 2016 - Jan. 2017

Daejeon, Korea

• Development of multiple Android applications - an app with a collection of self-developed minigames, and a DailyReviewer app that automatically generates diaries for the user.