

# Taeyoung Kwak

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## Education

**Kookmin University**, Seoul, Republic of Korea  
B.S in Computer Science

Feb 2020

## Work Experience

**Delta | Summer Intern**, Seoul, Republic of Korea

Jul 2018 - Aug 2018

- Responsible for data research and mapping for the beta version of knowledge AI, implementing token distribution on testnet

## Project Experience

**MeetAtMid** | Backend Developer

Mar 2019 - Jun 2019

**JavaScript, Python(Selenium, BeautifulSoup) / Node.js(Express, GraphQL, Axios, Mongoose) / MongoDB**

- Implemented a web app to recommend optimal places with traffic information for a meeting that all participants can easily accept.
- Responsible for developing backend and data crawler for updating candidate place database and managing the team and project
- Crawled over 300,000 postings for place database from SNS and produced over 1,000 hits in a month.

**ClubRadio** | Backend Developer

Sep 2019 - Dec 2019

**Python, JavaScript, MySQL / Django / AWS(EC2, S3, CloudFront, Route53, SES, SNS, Lambda) / React**

- Implemented a club event discovery web platform providing the most relevant information to make decision quick and easy
- Responsible for developing overall backend including subscription service and configuring AWS
- Produced a monthly growth rate of 30% over the past 3 months

**HearYou** | Frontend Developer

**Java / Android Studio(Retrofit, OkHttp, GSON)**

Dec 2018 - Feb 2019

- Implemented an Android app for sexual assault victims that helps them create a report when an unfortunate incident happens
- Responsible for developing frontend including onboarding page, sign-in/up, editing report, main page of report, and communication between server and client using REST API

## Skills

Programming: Python3(Intermediate), JavaScript(Intermediate), C++(Intermediate), Java(Intermediate)

Language: Korean(Native), English(Advanced)

Others: Git(Advanced), AWS(Intermediate), Slack

## Research Experience

**HCI Laboratory** | Kookmin University (Seoul, Republic of Korea)

Sep 2019 - Dec 2019

*Undergraduate Research* (Advisor: Professor Sangmin Yoon)

- Participated in projects on super-resolution using deep learning
- Researched on super-resolution by decomposing a low-resolution image into two frequencies, enhancing them respectively, and integrating into one high-resolution image

## Teaching Experience

**Object-Oriented Programming** | Kookmin University (Seoul, Republic of Korea)

Sep 2019 - Dec 2019

*Teaching Assistant*

- Covered basic Java programming, polymorphism, interface, and event handling
- Ran laboratories for over 100 students three times a week, answered questions in person and online, and proctored exam

**Basic Programming** | Kookmin University (Seoul, Republic of Korea)

Sep 2018 - Dec 2018

*Teaching Assistant*

- Covered basic of JavaScript and Phaser JavaScript library to design a game
- Responsible for grading, assistance, and proctoring exams