

# Taeyoung Kwak

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[github.com/Jeldo](https://github.com/Jeldo)

## Education

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<b>Kookmin University</b> B.S in Computer Science	Seoul, Republic of Korea	Mar 2018 - Present Expected Feb 2020
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## Research Experience

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<b>HCI Laboratory, Kookmin University</b> <i>Undergraduate research assistant</i> (Advisor: Professor Sangmin Yoon)	Seoul, Republic of Korea Sep 2019 - Dec 2019
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- Participated in projects on super-resolution using deep learning
- Researched on super-resolution by decomposing a low-resolution image into high and low frequencies, enhancing them respectively through CNN and combining into one high-resolution image

## Project Experience

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<b><a href="#">ClubRadio</a>   Backend Developer</b> <b>Python, MySQL / Django / AWS(EC2, S3, CloudFront, Route53, SES, SNS, Lambda)</b>	Sep 2019 - Present
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- Implemented a club event discovery platform based on a web application that provides the most relevant information to make decision quick and easy
- Responsible for developing overall backend including event subscription and configuring DevOps on AWS
- Produce over 500 hits to date, with a monthly growth rate of 30% over the past 3months

<b><a href="#">MeetAtMid</a>   Backend Developer</b> <b>JavaScript, Python(Selenium, BeautifulSoup) / Node.js(Express, Axios, Mongoose) / MongoDB</b>	Mar 2019 - Jun 2019
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- Implemented a web application to recommend optimal places with traffic information for a meeting that all participants can easily assent
- 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 to date

<b>HearYou   Frontend Application Developer</b> <b>Java / Android Studio: Retrofit, OkHttp, GSON</b>	Dec 2018 - Feb 2019
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- Implemented an Android application 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

## Work Experience

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<b>Delta   Summer Intern</b>	Seoul, Republic of Korea	Jul 2018 - Aug 2018
<ul style="list-style-type: none"><li>• Responsible for data research and mapping for a beta version of knowledge AI</li><li>• Implemented token distribution on a testnet</li></ul>		

## Teaching Experience

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<b>Object-Oriented Programming, Kookmin University</b>	Seoul, Republic of Korea
<i>Teaching Assistant</i>	Sep 2019 - Dec 2019
<ul style="list-style-type: none"><li>• Object-Oriented Programming in Department of Computer Science</li><li>• Covered basic Java programming including polymorphism, interface and event handling</li><li>• Ran laboratories for over 70 students three times a week, answered questions in person and online, and proctored exams</li></ul>	

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<b>Basic Programming, Kookmin University</b>	Seoul, Republic of Korea
<i>Teaching Assistant</i>	Sep 2018 - Dec 2018
<ul style="list-style-type: none"><li>• Basic Programming in Department of Computer Science</li><li>• Covered basic of JavaScript and Phaser JavaScript library to design a game</li><li>• Responsible for grading, assisting and proctoring exams</li></ul>	

## Skills

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Programming: Python3(Intermediate), JavaScript(Intermediate), C++(Intermediate), Java(Intermediate)  
Language: Korean(Native), English(Intermediate)

## Awards and Honors

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2018	1st Prize in Innovation field	Bigdata Contest by National Information Society Agency
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