Taeyoung Kwak

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Education

Kookmin University, Seoul, Republic of Korea   Expected Feb 2020
B.S in Computer Science

Work Experience

Delta | **Summer Intern,** Seoul, Republic of Korea   Jul 2018 - Aug 2018
Responsible for data research and mapping for beta version of knowledge AI, implementing token distribution on testnet

Project Experience

ClubRadio | Backend Developer   Sep 2019 - Present
Python, JavaScript, MySQL / Django / AWS(EC2, S3, CloudFront, Route53, SES, SNS, Lambda) / React
Implemented a club event discovery platform based on a web app providing the most relevant information to make decision quick and easy
Responsible for developing overall backend including subscription service, a part of frontend and configuring DevOps on AWS
Produce over 500 hits to date, with a monthly growth rate of 30% over the past 3 months

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 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

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(Intermediate)
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