JONGMIN LEE

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OBJECTIVE

Self-motivated, sincere, and hardworking seeking a full-time position in the field of entry-level software development.

EDUCATION

University of California, Irvine   Expected in June 2021
- Major: Computer Science, B.S. specialization in Information
- GPA: 3.5/4.0
- Coursework: Design and Analysis of Algorithm, Information Retrieval, Computer Networks, Machine/Data Mining, Project in Operating System, Human Computer Interaction, Project Data and Web Applications

SKILLS

Programming: Python, Swift, Java, and MySQL
Language: Fluent in Korean

PROJECTS

CoTracker - *iOS Application*   Jan 2021
- Developed an iOS application with Swift in MVC architecture that allows users to check the daily COVID-19 statistics of the US-wide, states, and counties
- Integrated Covidtracking and Covidactnow REST API and Improved response time with data caching
- Incorporated FirebaseAuth to allow users to authenticate and Firebase database for persistent message data

Let's focus - *iOS Application*   Jul 2020
- Developed an iOS application with SwiftUI that users can use Pomodoro technique and Deployed on the App Store
- Incorporated Core Data for persistent data of users' to-do list and pomodoro progress
- Integrated ZenQuotes open REST API to provide users with daily motivational quotes

Fabflix - *Web/Android Application*   Jun 2020
- Developed a movie data SPA micro-service architecture Web-based applications for users/admins and an Android application
- Optimized response time by scaling application through connection pooling, replication, and load balancing of AWS and GCP
- Designed database RESTful API and Implemented database management system through Stored Procedure

Let's track - *iOS Application*   Jan 2020
- Developed an iOS application that users can easily track their expenses and Deployed on the App Store
- Incorporated Core Data for persistent data storage to allow create, read, update, and delete operation
- Integrated third party library through CocoaPods to visualize user data

Search Engine - *Python project*   Dec 2019
- Built a search engine that can search UCI-related websites through GUI with a team member
- Implemented search speed under 50ms by storing 55,000 given UCI websites in the form of inverted index
- Ranked retrieval using TF-IDF / Cosine similarity values and allocated different weights for HTML headings

ACHIEVEMENT

Mobile Application Development Challenge   Feb 2020
Programmers / LINE, NAVER Corporation, South Korea
- Challenge for mobile application developers with 0-2 years of experience to develop notes application
- Built an iOS note application and Incorporated Core Data to store user notes and images persistently
- 15th out of 278 in iOS

LEADERSHIP EXPERIENCE

Korean Army, South Korea   Jul 2013 - Apr 2015
- Led a 12 staffs anti-terror force squad
- Honorable discharge: Sergeant