**HYEJI KIM**

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**SUMMARY**

Excellent team player with a passion for continuous learning desiring to join a leading organization to gain professional experience and grow as a Software Engineer. In the previous role, developed a java application resulted in $15,000 annual saving and experienced working with relational database.

**SKILLS**

* Advanced: SQL, Python, Java (Data Structures, Algorithm, OOP)
* Familiar: JavaScript, C, Go, HTML5&CSS
* Technical: RESTful API, Node.js, Express, React, JDBC, Bootstrap, Git
* Databases: MongoDB, MySQL
* Language: Korean (native)

**PROFESSIONAL EXPERIENCE**

**Financial Analyst | ChungHyo Medical Inc,** Seoul, South Korea May 2018-Nov 2018

* Assist in analyzing company financial status and presented monthly financial reports.

**Side Project: Inventory and Client Management Application**

* Built internal JAVA based inventory and client management application resulted in $15,000 annual saving.
* Designed database, tables, views structure for the application and maintained MySQL Server.
* Managed extraction and transformation of data from excel files to SQL Server using JDBC and Apache POI.

**EDUCATION**

**University of California Berkeley** Dec 2018

* Bachelor of Arts in Economics, minor in Computer Science
* Relevant Coursework: Java Programming and Data Structures, Database Management Systems, Computer Security, Artificial Intelligence, Assembly Language Programming

**PROJECTS** (For additional projects: <https://riahyejik.github.io>)

**Blog Website**

* Developed a responsive web application using Node.js that allows users to create blog posts.
* Designed a RESTful backend server that supports HTTP methods and incorporated persistent data storage in MongoDB using Mongoose connection.

**COVID19 Tracker**

* Built a web application to show current and cumulative cases of coronavirus spreading across the United States.
* Access and parse JSON data from an API using the HTTPS request.

**Pac Man**

* Developed Pac-Man that uses multiple search algorithms (BFS, A\*, and heuristics) to find the optimal path through his maze to reach a goal.
* Handles ghost movement and foods using state-space search and reinforcement learning.