

# GRACE LEE

Software Engineer

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## EDUCATION

**University of California, Riverside**

**Riverside, CA**

*B.S. in Computer Science, Cum Laude | GPA: 3.75*

*Graduated December 2022*

- Dean's Honor Roll: Fall 2020, Winter 2021, Fall 2021, Winter 2022
- Chancellor's List: 2019-2020
- Relevant Coursework: Intro to Artificial Intelligence, Intro to Software Engineering, Database Management Systems, Computer Networks, Data Analysis Methods, Intermediate Data Structures and Algorithms, Discrete Structures, Software Construction

## PROJECTS

**Artist Twitter Popularity Analysis Project**

**Riverside, CA**

*Database Systems Senior Project*

*October 2022 - December 2022*

- Scraped Twitter using the Twitter API and Tweepy Paginator for artists' tweets and replies
- Cleaned and processed the raw data and stored it into a database to connect to the frontend
- Tools/Technologies Used: Python, Pyspark, Twitter API, MySQL

**Cafe Application**

**Riverside, CA**

*Database Management Systems Project*

*April 2022 - June 2022*

- Created an app that allowed customers to place and edit their orders by creating and executing SQL queries given a database
- Created a terminal UI for different users including customers, employees, and the manager
- Tools/Technologies Used: SQL, Java

**SpotifyU**

**Riverside, CA**

*Intro to Software Engineering Project*

*April 2022 - June 2022*

- Analyzed a user's favorite track and recommended similar songs based on its track traits using the Spotify Dataset
- Applied standard deviation to calculate which track traits appeal the most to the user
- Recommended similar songs that were based off a single song inputted by the user
- Tools/Technologies Used: Javascript, HTML/CSS, Node.js, Express.js

**Text Analysis of Airbnb Reviews**

**Riverside, CA**

*Data Analysis Methods Project*

*January 2022 - March 2022*

- Collaborated with others to performed text analysis on Airbnb reviews in LA to determine which factors create a good stay at an Airbnb
- Cleaned the data and performed TF-IDF analysis to calculate word relevancy in a review
- Tools/Technologies Used: Python

## SKILLS

- **Soft Skills:** Collaborative, Adaptable, Communication, Problem Solving
- **Computer:** Coding (C++, Python, SQL, Java, Javascript), Microsoft Office, G Suite
- **Languages:** Korean (Bilingual)