**Jiawen Zhu**

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SUMMARY

Bilingual U.S. citizen Looking for a challenging position as a Data Analyst or data engineer, where I can leverage my technical and analytical skills to provide meaningful insights for business decisions.

Tech SKILLS Data analyst: SQL, R, Python, Jupiter notebook, VScode, GitHub/Gitlab, Google Big query, Azure data factory, Tableau, Excel, MongoDB, Microsoft basic SSIS, **HTML/CSS, JavaScript**

**RELEVANT WORK EXPERIENCE**

Superhot (Airbnb Champaign, IL) 12/2022 -Present

* Data-Driven Decision Making: Utilize data analysis techniques to make informed decisions regarding house improvements and strategies aimed at maximizing Airbnb rental revenue.
* Market Analysis: Conduct comprehensive market analysis using data sources and tools to identify trends, demand patterns, and competitive landscapes in the vacation rental industry. Leverage this analysis to make strategic pricing and marketing decisions.
* Customer Insights: Analyze guest reviews, feedback, and demographic data to gain insights into customer preferences, satisfaction levels, and areas for improvement. Apply these insights to enhance the guest experience and drive positive reviews and repeat bookings.
* Data Analysis Tools: Proficient in using data analysis tools, such as Excel or Google Sheets, to clean, analyze, and visualize data. Comfortable working with large datasets and using statistical techniques to uncover actionable insights.
* A/B Testing: Implement A/B testing methodologies to evaluate the impact of different strategies or listing optimizations on rental performance. Analyze and interpret results to guide decision-making processes.

System Analyst/Web Developer (Human kinetics-Champaign, IL) 01/2019 – 06/2022

* **Proficient in SQL**: Experienced in writing and **optimizing SQL queries** to enhance query efficiency and extract valuable insights from databases.
* **Data Manipulation**: Skilled in performing data manipulation tasks, such as filtering, sorting, and aggregating data, to prepare datasets for analysis.
* Web Development Experience: Strong background in web development using **HTML, CSS, and JavaScript**. Able to leverage this knowledge to create interactive data visualizations and develop user-friendly dashboards for data analysis.

Experienced in proficiently executing Extract, Transform, and Load (ETL) operations, specifically extracting data from diverse file formats such as .csv and .xlsx, and seamlessly loading it into MySQL servers.

Teaching Assistant (San Francisco State University, CA) 09/2017-01/2018

* Maintain professional and collaborative attitude when working with my professor and peers.
* Leveraging my knowledge of object-oriented design to provide guidance and support, while also encouraging students to think critically and develop their problem-solving skills

EDUCATION

*Bachelor's degree in computer science* *San Francisco State University*- *San Francisco, CA*  *2014-2018*

Master Degree in computer science with data analyst certification at University of Illinois Springfield 2021-2023  
   
 Certification: [Google Data Analyst Professional Certification](https://coursera.org/share/0c957bb0aa104c5ebc757c0112949fe9)                                                                1/2022-3/2023

[Extract,Transform,and Load](https://www.coursera.org/account/accomplishments/verify/Q8HJKLA9RCT7) Finished at 4/29/2023  
[Data Model and Pipelines](https://coursera.org/share/a8401b268f791b8aeac7f129c474a30b)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Finished at 5/23/2023