Aliyah Good

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Education

Oregon State University, BS in Economics, Minor in Computer Science   Dec. 2025
- **Relevant Coursework:** Database Systems, Econometrics, Data Structures, Analysis of Algorithms

Projects

CA Homeless Response Services Dashboard — SQL, Tableau
- Developed an interactive Tableau dashboard to visualize trends in service distribution across age, race, and gender demographics in 59 California counties
- Cleaned and preprocessed a dataset of 1.3 million individuals spanning 8 years of data, utilizing SQL to ensure data consistency and integrity for analysis
- Delivered actionable insights on equitable resource allocation, recommending targeted funding increases for high-need counties and demographic groups

King County Airbnb Market Analysis — Tableau
- Analyzed 3,818 Airbnb listings across 28 zip codes using Tableau to identify profitability and market saturation trends, providing actionable insights
- Created a comprehensive market report recommending investment in 5 low-saturation zip codes, proposing a strategic approach for entering high-profit, under-exploited markets

Dune Spice Production Management System — SQL, JavaScript
- Designed a relational database by modeling a complex dataset with 5 entity tables and implementing many-to-many relationships to prevent redundancy, ensuring efficient data organization and management
- Improved query performance by implementing multiple indices on key fields, significantly increasing data retrieval speed
- Built an interactive web-based frontend with JavaScript, enabling users to efficiently manage and report on spice production data, improving user experience and operational efficiency

Experience Log Social App — SQL, Python, JavaScript
- Designed and implemented a data-driven web application allowing users to log, rate, and share experiences in a feed format
- Created a MySQL database schema to store user information, experiences, and ratings, ensuring optimized data retrieval and storage performance

Work Experience

Shift Lead, R&B Tea — Temecula, CA   Feb 2023 - Present
- Developed an inventory tracking system in Excel using slicers, conditional formatting, and advanced formulas, adopted by 20 employees to streamline inventory management
- Optimized production and waste management by creating data-driven schedules, tracking expiration dates, and adjusting production plans based on real-time inventory data, resulting in improved inventory turnover and reduced waste
- Identified workflow inefficiencies and implemented process improvements, enhancing overall operational productivity by 20-40%

Technical Skills

Languages: SQL, Python, JavaScript

Technologies: Microsoft SQL Server, Tableau, Excel, Jupyter Notebook, Stata, phpMyAdmin, MongoDB