

# Gabriel Maayah

Data Analyst

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## Education

September 2024- Current (Expected: March 2027)	<b>University of California San Diego</b> Bachelor of Science in: Data Science	<b>CGPA: 3.1</b>
August 2022-June 2024	<b>Grossmont and Cuyamaca College</b> Associates Degree: Math	<b>CGPA: 3.8</b>

## Work Experience

<b>March 2023-Current</b>	<b>McDonalds: Rancho San Diego CA</b>	<b>Role: Crew Member</b>
<ul style="list-style-type: none"><li>- Maintain high performance standards in fast-paced environment, demonstrating strong time management and multitasking abilities</li><li>- Collaborate effectively with team members to ensure efficient operations and customer satisfaction</li><li>- Developed strong communication and problem-solving skills through daily customer interactions</li></ul>		
<b>May 2021-June 2022</b>	<b>RDJ Distribution: Spring Valley CA</b>	<b>Role: Warehouse Associate</b>
<ul style="list-style-type: none"><li>- Managed inventory tracking and organization systems, ensuring accuracy and efficiency in logistics operations</li><li>- Collaborated with cross-functional teams to optimize warehouse processes and meet daily targets</li></ul>		

## Skills

<b>Programming Languages:</b>	Python, R, SQL, C++, Java
<b>Data Analysis Tools:</b>	Pandas, NumPy, Excel, Jupyter Notebooks
<b>Statistical Methods:</b>	Hypothesis Testing, Probability Distributions, Regression Analysis
<b>Data Visualization:</b>	Matplotlib, Seaborn, ggplot2
<b>Databases:</b>	SQL Server, MySQL
<b>Other:</b>	Git/GitHub, Data Cleaning & Preprocessing, Statistical Modeling

## Projects & Technical Experience

### Data Analysis Portfolio Projects

**At Risk Drivers:** Collaborative project in which I and four colleagues worked on a data set of all car collisions in California from the past twenty years to identify groups most likely at fault in collisions, which demonstrates many data analysis skills such as Data Cleaning, Exploratory Data Analysis, Hypothesis Testing, Data Visualization, and Ability to present findings clearly

**Voter Statistics Analysis:** Cleaned and analyzed large voter datasets using Python and Pandas, identifying key demographic trends and voting patterns through statistical analysis and data visualization

**Music Industry Data Study:** Performed exploratory data analysis on music streaming data, creating compelling visualizations to reveal consumer behavior insights using R and ggplot2

**TV Show Analytics:** Conducted comprehensive analysis of television viewership data, applying hypothesis testing and statistical methods to identify content performance factors

### Software Development Projects

**Chess Piece Simulator (C++):** Developed an object-oriented chess game simulator implementing complex game logic, move validation, and user interface design

**Battleship Game (C++):** Created an interactive battleship game featuring algorithm design, game state management, and strategic AI opponent logic

### Academic Presentations

- Delivered data analysis presentations to professors and peers, effectively communicating complex statistical findings through clear visualizations including histograms, scatter plots, and charts
- Demonstrated ability to translate technical analysis into actionable business insights