

# Justin Mai

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## EDUCATION

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### Cal Poly San Luis Obispo

Expected Graduation June, 2026

*Bs in Statistics*

*San Luis Obispo, CA*

- Coursework: R, Probability, Machine Learning, Linear Algebra, Data Structures, Object Oriented Programming

### West Covina High School

June, 2022

*High School Diploma*

*West Covina, CA*

- Summa cum laude, 4.3 gpa
- Key Club Spirit President, and Varsity Wrestling.

## WORK EXPERIENCE

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### Cal Poly Campus Dining

December 2023 – June 2024

*Lead Cashier and Trainer*

*West Covina, CA*

- As an employee, I oversaw the training and improvement of 3 new employees during my time in Campus Dining.
- As the Lead Cashier I was mainly on the register at all times, leading to a proficient skill at customer service and helping me grow and develop my skills as a cashier.

### Walnut Grove Middle School

Oct 2020 – June 2022

*Tutor*

*West Covina, CA*

- Helped lower income kids graduate from middle school.
- Worked and led a team of tutors to empower children with knowledge of mathematics and english.
- Help guide a new generation of tutors to help children struggling in school.

## PROJECTS

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- **Datafest 2024:** Used R and Python to present and develop a similarity metric for students using Coursekata textbooks, creating a performance matrix and using cosine similarity to measure the alignment of students.
- **Census Visualizer:** Created an R Shiny app to visualize up-to-date population and income growth using data from the Census API. Users can select data types, counties, races, and year ranges to generate dynamic plots and animated GIFs. The app provides customizable settings for enhanced data presentation and analysis."
- **Eagle Scout Project:** Organized a campaign to collect and deliver gift baskets to healthcare workers during the pandemic. Coordinated donations of food, personal care items, and thank-you notes from local businesses and community members.
- **SAS program:** Created a SAS program to generate animated GIFs from datasets, primarily using Gapminder data. It visualizes time-series data with scatterplots and animations, making trends and changes over time easy to understand.

## LANGUAGES, SKILLS & INTERESTS

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- **Languages:** Python, R, SQL, Java, SAS
- **Tools and Libraries:** Github, tidyverse, scikit-learn, Jupyter Notebook, Google Collab, PowerBI, Excel
- **Interests:** Scouting, Hiking, Snowboarding, Climbing, Gym, Video Games.

