# Adam Kong

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## EDUCATION

**California Polytechnic State University** | **June 2025**

*B.S. Statistics, Minor in Computer Science* | *San Luis Obispo, CA*

- **GPA: 3.69** Dean's List; Presidents List
- **Relevant Coursework:** Probability Theory, Estimation and Sampling Theory, Mathematical Statistics, Data Structures, Financial Accounting, Statistics Education, Categorical Data Analysis, Financial Accounting, Applied Stochastic Processes, Lean Six Sigma Green Belt
- Cal Poly Lean Six Sigma Green Belt Trained

## PROJECT EXPERIENCE

**COVID-19 School Modality Project** | **December 2024**

- Prepared and cleaned a dataset with over 100 thousand entries.
- Applied machine learning models to predict school modalities (hybrid, remote, or in-person) based on demographic and fiscal information with 75% accuracy.
- Developed 3 visualizations and a presentation poster to communicate key decisions, insights, and findings effectively viewed by professor and fellow peers.

**Basketball Salary Bayesian Analysis** | **June 2024**

- Utilized R and the BRMS package to analyze basketball players annual salaries, focusing on performance metrics such as minutes played, player usage and interaction.
- Analyzed the salary structures of prominent players to illustrate the impact of in-game performance on salary.
- Created 10 visualizations using ggplot2 and base R to present salary distributions and predictive modeling outcomes with prior and posterior analysis, enhanced with the presence of existing data using Bayesian Analysis.

## WORK EXPERIENCE

**Kikka Sushi** | **October 2023 – Present**

*Sushi Bar Assistant* | *San Luis Obispo, CA*

- Crafting various types of sushi, including side dishes, nigiri, rolls, spam masubi and specialty rolls with precision, averaging 12 rolls per hour.
- Ensured exceptional presentation of dishes to align with the sushi bar's quick operation and high quality.
- Service dozens of customers, offering personalized explaining ingredients and preparation.
- Managed sushi bar inventory of 8 rolls and ingredients, including fresh fish, vegetables, and condiments.

**East Los Angeles College** | **June 2024 – August 2024**

*Student Tutor* | *East Los Angeles, CA*

- Assisted 30 students in preparing for exams, aiming to improve performance and confidence in math skills.
- Graded and recorded 60 total homework and test submission daily, ensuring grades were inputted correctly.
- Provided an hour of additional tutoring per week, clarifying concepts not covered in class

## PROGRAMMING LANGUAGES, SKILLS, & INVOLVEMENTS

- **Programming Languages:** Python, R, Java, SAS, SQL, LATEX, Colab, JMP, Pandas, Tableau
- **Skills:** Data Organization, Data Visualization, Strong Communication and Presentation, Problem-Solving, Critical Thinking, Software Proficiency, Team Collaboration
- **Involvements:**
  Systems Optimization Club (SOCS) – Project Team Member, Club Member
  Cal Poly Statistics Club – Club Member