Tyler Stoen

📱 (650)521-6263 | ✉ tyler.stoen@gmail.com

Education

California Polytechnic State University, San Luis Obispo *San Luis Obispo, CA*
BS in Statistics *Sept 2021 - Current*
- Expected Graduation Date: June 2025
- GPA: 3.79
- Dean's List: Fall 2021, Winter 2022, Spring 2022, Fall 2022, Winter 2023

Relevant Coursework

Statistics	Intro/Discipline of Statistics, Stat Inference/Management, Statistics I/II, Probability, Design and Analysis of Experiments, Statistical Computing in SAS, Statistical Computing in R, Statistical Communications, Applied Linear Models
Computer Science	Fundamentals of Computer Science, Data Structures
Math	Calculus I-IV, Linear Algebra, Methods of Mathematical Proofs
Data Science	Introduction to Data Science, Machine Learning

Work Experience

Alto Swim Club *Stanford, CA*
Swim Instructor *June 2021 - September 2022*
- Helped coach the age group program at Alto which builds the future of the program
- Taught private lessons to people new to swimming to help advance their swimming and water safety skills

Stanford Campus Recreation Association *Stanford, CA*
Lifeguard *May 2018 - September 2022*
- Responded to emergency situations at the facility to ensure the safety of individuals at the pool

University Projects

Effect of Median Age on Total Health Spending *San Luis Obispo, CA*
California Polytechnic State University, San Luis Obispo *Feb 2023 - Mar 2023*
- Analyzed data provided by gapminder on every country from 1994 to 2009, as well as predicted values until 2099.
- Recognized the relationship between median age of a country and the total health spending per person(USD) in that country.
- Cleaned raw data, visualised, and analyzed data in R.
- **Technical Skills:** R, Quarto, GitHub.
- **Soft Skills:** Time Management, Teamwork, Report writing.

Reaction Time Testing *San Luis Obispo, CA*
California Polytechnic State University, San Luis Obispo *Jan 2023 - Mar 2023*
- Collected data from fellow Cal Poly students to determine if reaction time changed depending on temperature.
- Analyzed data to determine if temperature had an effect on reaction time.
- Organized a report outlining the methods, materials, results, analysis and data analysis.
- **Technical Skills:** JMP, Excel.
- **Soft Skills:** Report Writing, Leadership, Teamwork.

Skills

Programming	Python (Pandas, NumPy, etc.), R(ggplot, tidyverse, quarto, RMarkdown, etc.), JMP
Miscellaneous	LaTeX(Overleaf/R Markdown), Tableau, Microsoft Excel, Git.
Foreign Language	Mandarin

Interests

Music	Took piano lessons for 10 years and passed the Advanced Level of the CM test. Now, I enjoy playing piano for enjoyment and listening to music.
Swimming	Swimmer for 15+ years. I have been swimming club since I was 4 years old and swam varsity for 4 years in high school. I am currently involved with the Cal Poly Swim Club.