Luis Aguilar Chachagua

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EDUCATION

California State Polytechnic University, Pomona *Aug. 2020 - Dec. 2025*
Pursuing Bachelor of Science in Applied Mathematics/Statistics (GPA: 3.85) *(projected)*
Dean's List/President's List

Relevant Courses
- Lin Alg Apps to Diff Eqtns   A
- Intro to Comp Methods in Math   A
- Calculus III   A-

WORK & RESEARCH EXPERIENCE

Biostatistics Researcher - *UCI ISI BUDS 2023 (S.I.B.S)* *July 2023 - Aug. 2023*
- 6 week summer training program on biostatistics and principles of data science.
- Research project focused on identifying colorectal cancer in patients using metabolite data in blood samples.

   Skills: Github/git, data cleaning/wrangling, statistical models, tidyverse, ggplot2, statistical writing and communication

Data Science Training - *Cal Poly Pomona Mathematics Department* *Mar. 2023 - May 2023*
- Small side project relating to biostatistics using the GSE 73072 dataset

   Skills: Github/git, data cleaning/wrangling, pandas

Executive Assistant - *Green Frog Meat Company* *Feb. 2021 - Aug. 2021*
- Assistant to the company owner, duties included taking care of executive tasks, paying bills, managing budget, account balancing, and scheduling.

   Skills: Intuit Quickbooks

PRESENTATIONS

Presented at ISI-BUDS 2023 Research Symposium: Aguilar, L., Hsieh, C., Tekawy, M., Wang, D. "Predicting Presence of Colorectal Cancer using Metabolites", August 18, 2023

ADDITIONAL SKILLS

- Experience with MS Office (Word, Excel, PowerPoint), Outlook, Teams, Slack
- MATLAB, Python, SOLIDWORKS, R/RStudio
- Bilingual; Fluent in English and Spanish
- Great Leadership and Interpersonal Skills