

# Luis Aguilar Chachagua

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## EDUCATION

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California State Polytechnic University, Pomona  
Pursuing Bachelor of Science in Applied Mathematics/Statistics (GPA: 3.85)  
Dean's List/President's List

Aug. 2020 - Dec. 2025  
(projected)

### Relevant Courses

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

## WORK & RESEARCH EXPERIENCE

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### 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

### 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

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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

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- 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