

Hailey Ernest

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EDUCATION

California Polytechnic State University

San Luis Obispo, California

Bachelor of Statistics & Data Science

June 2026

- **Coursework:** Data Science, Machine Learning, Calculus, Linear Algebra, Probability and Statistics, Design and Analysis of Experiments, Economics, Intro to Computer Science, Data Structures, Object-Oriented Programming.
- **Awards/Honors:** Fall 2023 Dean's List - Bailey College of Science and Mathematics

Woodinville High School

Woodinville, Washington

High School Diploma

September 2021 - June 2022

- **Awards/Honors:** Washington State Honors Award

Walwourth Barbour American International School

Even Yehuda, Israel

- **Awards/Honors:** University of Waterloo Math Competition Top 3 Placement

September 2018 - June 2021

WORK EXPERIENCE

Aiola

Seattle, Washington

Business Data Analyst Intern

June - September 2023

- Joined the business analysts team supporting aiOla's customers on-boarding.
- Business logic implementation, data transformation and analysis using Python.

ACADEMIC PROJECTS & ACTIVITIES

Portfolio App

September 2022 - Current

Personal Project

- Created an app in python for a personal portfolio of my analytical statistics projects.
- Includes showcase of importing, managing, and cleaning data from a wide variety of data sources. Producing and interpreting graphics for exploratory data analysis and report presentations. Writing efficient and well-documented code for descriptive and inferential statistics.

Interactive Video Game

September - December 2023

Project

- Created a cohesive and creative video game by drawing from scratch characters that interact with eachother.
- Used object-oriented concepts and design to implement to a moderately sophisticated large program.

Statistics Club

September 2022 - Current

Member

- Elaborate in discussions for problem solving on teamwork statistical projects.
- Supporting and helping others expand statistical software, programming, and statistical methods knowledge.

Data Science Club

September 2023 - Current

Board

- Helping bring ideas to expand the lecture material to real world problems and analyses.

SKILLS & TECHNICAL TOOLS

Computer: Python, Java, R, JMP

Languages: English, Hebrew, French

Interests: Researching and learning about medicine, health, nutrition, and sports.