

Bennett Bishop

(831) 251-5722 | bennettjamesbishop.github.io/ | Bennettjamesbishop@gmail.com |

EDUCATION

University of California, Santa Barbara

B.S, Statistics and Data Science; B.A, Philosophy; Certificate, Technology Management

Goleta, California

June 2025

WORK & LEADERSHIP EXPERIENCE

UCSB Alumni Center

Data Analyst Intern

Goleta, California

August 2024 – Present

- Analyze and visualize alumni data using **Excel**, **Google Sheets**, and **Looker Studio** to support strategic decision-making and engagement initiatives.
- Develop reports to track key metrics, enhancing data-driven recommendations for alumni outreach.

Data Science UCSB

Director of Events

Goleta, California

May 2024 – Present

- Lead the strategic planning and execution of over **50 events**, engaging a community of **500+ club members**, including the ongoing Big/Little program.
- **Organize outreach** to companies and coordinate partnerships for our career fair, **enhancing networking** opportunities for members.

Brainsink

Lead Engineer

San Francisco, CA (Remote)

June 2023 – Present

- Engineered a **relational database** with **10 tables**, incorporating **25+ GraphQL** mutations and queries using **PostgreSQL** and **Prisma** for efficient data management and retrieval.
- Developed and optimized full-stack solutions for **17+** interactive pages and **20+** complex components using **React**, **TypeScript**, and **RedwoodJS**, hosted on **AWS**.
- Incorporated various third-party APIs, including OpenAI's API for chat summarization, Resend's API for email automation, and TipTap's API for rich text editing.

Amotions, Inc.

Software Engineering Intern

San Francisco, CA (Remote)

December 2022 – September 2023

- Rapidly built features requested by potential investors and customers, **helping Amotions secure their first angel investor** and **first business customer**, while contributing to a notable increase in site traffic.
- Built and contributed to **5+** web pages using **React**, **GitHub**, **TypeScript**, **Firebase**, **Figma**, including the site's landing page and other pages crucial to the product's functionality.
- Collaborated closely with the CEO, UI Designers, and Senior Engineers, translating concepts into functional software.

PROJECTS

UFC Machine Learning App

Originally an R Project, turned into a Python App

Goleta, California

April 2024 - June 2024

- Cleaned a dataset containing career statistics for UFC fighters, developed models including **Logistic Regression**, **Linear Discriminant Analysis**, **Decision Tree**, **Random Forest**, and **K-Nearest Neighbor** using 10-fold cross-validation, selecting the best-performing model with an **ROC-AUC of ~79%** to predict fight outcomes.
- Created an **interactive Python app** hosted on **Streamlit** where users can select two fighters; the app predicts the winner and provides an explanation of the prediction using the **OpenAI API**.

Optimizing SD Public Transit

Data Science UCSB Project Showcase 1st Place Winner

Goleta, California

October 2022 – May 2023

- Led a team in a collaborative data science initiative, using **simulated annealing** techniques, repurposed open-source **Python code**, and **GIS data** to develop algorithms enhancing public transit efficiency in San Diego.
- Our project was **awarded First Place** at the 2023 Spring Project Showcase, **outperforming 26 competing projects** and highlighting our project's tangible potential to help underserved communities.

ACTIVITIES & INTERESTS

Activities: UCSB Rugby, UCSB Spanish Club, ZBT Fraternity, Boy Scouts of America (Eagle Scout)

Interests: Fly Fishing, UFC, Weightlifting, Philosophy, Symphony Orchestra, Piano, Jazz Trombone, Backpacking