

Bernie Graves

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EDUCATION

University of California, Santa Barbara

Bachelor of Science in Statistics and Data Science

Santa Barbara, CA

September 2019 – June 2023

- Honors Program 3.8 GPA
- **Relevant Coursework:** Statistical Machine Learning, Big Data, Regression Analysis, Business Strategy, Intermediate Python, R and SQL
- **Capstone Project:** Analyzed statistical relationships between NBA basketball and proprietary biomechanical data, enabling our sponsor company, P3, to better tailor their products to athlete performance.

WORK EXPERIENCE

Learning Foundations

iOS App Developer

Remote

Dec. 2022 – Mar. 2023

- Built an original iOS app to translate MoteNote book into an interactive app. Coordinated all aspects of the app including back-end authentication, querying the database with Firebase, and integrated the UI with SwiftUI. Improved the customer experience by incorporating calendar/daily planner and improving emotional intelligence with executive function.

Origgin Ventures

Venture Sourcing Intern

Singapore, Singapore

June 2022- August 2022

- Explored deep tech innovations in Singapore by [conducting](#) market research for Origgin Ventures. Led data analysis of competitor landscape and made data-driven recommendations to leadership to improve operational processes.

PROJECT EXPERIENCE

Brand Wiz

- Built full stack serverless web application that utilizes AI to generate customized logos, slogans and names for user's products. Leverages AWS for serverless backend and database hosting, React for the frontend and Stripe for payment integration. Live at brand-wiz.com!

Soundmates for Spotify

- Developed web application to enhance the Spotify experience by providing users with features for connecting with friends and building playlists. Leveraged JavaScript and the MERN stack to develop a user-friendly application and to integrate the Spotify Web API. Live at soundmates-for-spotify.com!

Amazon Review Scraper and Dashboard

- Built full stack application for Amazon sellers to optimize sale of products. Developed a REST API to deploy web scraping, data pipeline, and data science workflow. Created word-cloud dashboard of sentiment model enabling users to easily view data trends and identify pain and pleasure points in existing products.

SKILLS

Python – OOP, Pandas, Numpy

Cloud Platforms – AWS, Microsoft Azure, Firebase

XCode, SwiftUI

JavaScript - React, Node

GitHub, Docker

Unity, C#, NetCode for GameObjects