

# Felipe Mach Gelbert Barreto

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Hailing from Brazil, Felipe is a recent graduate of UC Berkeley (Go Bears!) who is passionate about economics and data science. Driven by curiosity, he is self-taught in Python, Java, and SQL. He is also fluent in three languages. Felipe is proactively looking for his next opportunity where he can utilize his quantitative analysis, programming, and financial modeling skills to solve complex problems and deliver impactful insights.

## EDUCATION:

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### University of California, Berkeley

Bachelor of Science in Economics  
Minor in Data Science  
Class of 2024

## WORK EXPERIENCE:

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### Itaú USA

Investor Quant Intern  
June 2023 - August 2023

- Engineered internal site from scratch using Python and quantitative analysis, enabling 4 portfolio managers to design and visualize investment campaign performance
- Created securities classification guide for 20 portfolio managers, allowing resolution of discrepancies and accurate classification of securities within MySQL database
- Automated bank's database process using Python and Bloomberg API, replacing manual processes, saving 2 hours, and eliminating human error
- Programmed trigger-based system using Python, informing 20 portfolio managers of key events, enabling timely communication with clients

### VIP Parcel Miami

Head of Customer Service and Logistics  
May 2020 - August 2020

- Improved customer communication channel by pulling in keywords using Python and Regex, decreasing manual processes, and ensuring timely communication between company and customers
- Oversaw shipment of 100 parcels daily from order to shipment
- Provided exceptional customer service to company clientele
- Prospected potential drop-shipping clients on Instagram, sent 10 messages daily, secured 5 new clients

### Cal Sailing Club

Manager  
August 2022 – May 2024

- Ensured safety of 10 club members and 2 staff daily
- Tracked damaged inventory in Google Sheets
- Administered liability waivers to members under 18 years old
- Analyzed cash flow to ensure operational capability

### MOD Pizza

Server  
August 2020 - December 2021

- Increased store profitability by 50% through accurate forecasting
- Taught 3 managers how to analyze revenue to predict staffing needs
- Led team-building activities for 10 employees to boost morale

## VOLUNTEERING:

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### Orange Coast College

President of the International Student Association  
August 2019 - May 2021

- Mentored 20 international students as they acclimated to America
- Facilitated opportunities to connect with other students
- Shared vetted affordable housing information

### Aldeias SOS Project, Rio de Janeiro, Brazil

Volunteer  
December 2017

- Organized Christmas party for 30 children in foster care
- Asked and collected donations, food, and baby formula

## LANGUAGES:

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English (fluent), Portuguese (native), and Spanish (advance)

## COURSES:

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Econometrics, Computational Structures for Data Science, Microeconomics, Macroeconomics, Economic Models with Python, Game Theory, Financial Accounting, Managerial Accounting, Probability, Statistics, Principles and Techniques for Data Science

## PROGRAMMING LANGUAGES:

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Python, SQL, R, Java