

Pablo Carbajo Derennes

pcarbajoderennes@gmail.com (971) 808 - 1382 <https://www.linkedin.com/in/pablo-carbajo/>

Education

The University of Texas at Austin

Bachelor of Science in Data Science & Bachelor of Arts in Economics, GPA: 3.65

Expected Graduation: May 2025

Employment

Integra FEC, Austin, TX

Research Analyst Intern - Financial Markets, Blockchain

Jan 2024 - Present

- Developed scripts to process and analyze datasets effectively and efficiently in both financial markets and across multiple crypto networks.
- Cleaned, and compiled financial datasets to identify insights and patterns of fraudulent activity across various asset classes, including crypto assets, structured finance products, and credit ratings.
- Presented findings and insights through detailed research reports, effectively communicating complex concepts to stakeholders and contributing to decisions.
- Specialized expertise in blockchain analytics, including tracing crypto transactions, detecting market manipulation, and wash trading using proprietary tracing tools and in-house blockchain databases.

PwC, Austin, TX

Strategy Consulting Intern

Jun 2023 - Aug 2023

- Conducted in-depth market research, analyzing data from 39000+ platform users, using Microsoft Excel for data wrangling and statistical analysis to uncover key insights into user behavior and preferences.
- Collaborated with a team of interns and associates to create a presentation, outlining data-driven recommendations to improve customer satisfaction and functionality of the site.
- Served as the intern leader and primary liaison with the project manager, facilitating effective communication and ensuring project objectives were met.
- Developed and presented visualizations and reports based on our findings to the company's board, which would aim to double their users in the next 2 years.

Wile Corporation, Austin, TX

Data Analytics and Predictive Modeling Intern

Jun 2022 - Aug 2022

- Programmed an algorithmic model integrated with E-Trade's API, designed to execute option trades autonomously.
- Effectively developed an algorithm that bought stock options based on historical and current market data (Volatility, Moving Average, RSI) to predict a positive net change for a specific stock.
- Successfully predicted future trajectories and price changes of stock puts and calls with a 60% success rate.

Vottun, Austin, TX

Data Analytics and Web3 Intern

Jan 2022 - Jun 2023

- Built and moderated a Discord server for developers for the Vottun community that has 300 daily active users.
- Developed an ERC-20 Python Bot that notifies the server of the latest Vottun social media posts and latest announcements for the Developers using the Vottun API.
- Drafted a weekly newsletter about Blockchain, Crypto, De-Fi, NFTs and DAOs that was sent out to over 2000 subscribers.
- Collaborated proficiently with the technical team at the Vottun platform, offering them data-driven user feedback collected via Discord. This feedback pertained to novel features and functionalities of particular interest to our user base.

Independent Projects

Predictive Stock/ETF Machine Learning Model

Spring 2023

- Sought to help individuals invest in stocks/ETFs with higher degree of confidence, minimal market research and more free time.
- Created Machine Learning model to predict the closing price of the Vanguard Tech ETF (VGT) with 99% Pearson Correlation.

Additional Information

Skills: Jupyter Notebook, Python, MySQL, ReactJS, PHP, HTML&CSS and Microsoft Office

Languages: Native in Spanish, English, French. Triple citizenship: USA, France, Spain.

Organizations: Texas Silver Spurs, UT Men's Club Soccer (Team Captain), TX Blockchain