

A.Santiago Pedemonte

347-522-1383 | app422@nyu.edu | New York City, NY – 10002

GitHub: <https://github.com/Santiago-Pedemonte/> | LinkedIn: <https://www.linkedin.com/in/s-pedemonte/>

TECHNICAL SKILLS

MS Office, Python, C#, R, Solidity, HTML, CSS, Git, Truffle Suite, IPFS, Currency Trading, Financial Modeling, Smart Contracts, Algorithmic Trading, Machine Learning, Technical & Fundamental Analysis, AWS Lambda & Lex, SQL (PostgreSQL).

EXPERIENCE

Trilogy Education / 2U

New York, NY

Senior Tutor

11/2021 - present

- Assist 24 students on a weekly basis with 1:1 tutoring sessions teaching them technical skills on Python, SQL, Machine Learning, Algorithmic Trading, Blockchain Technology, Solidity, Smart Contracts, and Financial Fundamentals.
- Provide support to each student according to their individual learning needs to maximize their success rate- guiding them through the problem solving process- with a 4.96/5 overall satisfaction score from student feedback.
- Collaborate with the curriculum team of over 30 people to spot any potential issues with the learning material provided to the students.

Columbia University

New York, NY

Teaching Assistant

09/2021 - present

- Increased students' confidence when applying technical skills learned, while successfully motivating them to innovate and form collaborative relationships with their peers, resulting in more ambitious and higher-quality bimonthly projects.
- Assist head instructor 7 hours a week, 4 for lectures, 3 for office hours, monitoring and assisting students for all required in-class activities and challenges, while keeping track of the feedback provided to adjust the curriculum accordingly.
- Meet with the Student Success team of 5 people once a week to discuss KPIs and monthly strategic growth development.

Tresalia Capital

Mexico City, Mexico

Equity Research Intern

05/2016 - 08/2016

- Worked for the Director of Analysis and Management researching corporations to optimize the current investment strategy.
- Contributed to the Private Equity division by attending meetings and providing research insights used for acquisitions.
- Designed market study reports, population spreadsheets, and international trends presentations regarding Mexican beer economies to train and educate current and new employees.

Coface

Mexico City, Mexico

Accounting Intern

05/2015 - 06/2015

- Analyzed company's finances for elaborating reports, proposing strategies for growth and cost reduction.
- Assisted team of 10 people with bookkeeping and regularly updating, expanding, and optimizing existing spreadsheets.

Sales and Marketing Intern

06/2015 - 07/2015

- Assisted in sales cold calls to companies explaining insurance services that Coface Group provides.
- Researched and analyzed current social media trends and behaviors to develop the company's online presence.

PROJECT HIGHLIGHTS

Crypto-market Scout | <https://github.com/RawnakMahjabib/CryptoMarket-Scout>

- Designed a comprehensive dashboard to display a macroeconomic crypto trends overview with automated gathering and processing of the most recent data available.
- Included a tool to build and predict performance of a custom portfolio directly from the front-end.
- Tools / languages used: Python, Pandas, Bokeh and Panel (with HvPlot and Streamlit) for the front-end, HTML/CSS to deploy as a website on a local server.

CryptoDrivers | <https://github.com/RawnakMahjabib/CryptoMarket-Scout/tree/main/CryptoDrivers> ml-techniques

- Analyzed different economic and financial factors with several ML models, to identify important drives and potential predictors for the price of Bitcoin.
- Models: Elastic Net, pure Lasso, Random Forest Classifier, Recurrent Neural Network, Exponential Smoothing, Holt-Winters & PCA.
- Tools and languages used: Python, Scikit-learn, NumPy, Pandas, TensorFlow (Keras), and matplotlib

EDUCATION

New York University – College of Arts and Sciences

New York City, NY

Major: Bachelor of Science in Economics

May '21

Relevant coursework: Game Theory, Monetary and Banking Theory, History of Modern Philosophy, Advanced Statistics.

Columbia University

New York City, NY

Fintech Bootcamp: Certificate

June '21

OTHER

Languages: Fluent in Spanish, Fluent in English, Elementary Proficiency in Italian.

Interests: Poker, Jazz, Boxing, Continental Philosophy, Indie Video Games, Fitness, Agent-based Computational Economics.