**Name**: Samantha Ortiz
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## Education

- **Bachelor of Science in Mathematics**
  New York University — Expected May 2025
  Minor: Computer Science
  GPA: 3.85/4.0

## Skills

- R, Python, SQL, Tableau, MATLAB

- Quantitative Modeling, Financial Analysis, Stochastic Calculus, Time Series Analysis

## Experience

- **Quantitative Analyst Intern**
  Goldman Sachs — Summer 2024

  - Developed pricing models for derivative securities using Monte Carlo simulations.

  - Automated financial data pipelines, reducing manual reporting time by 30%.

- **Data Analyst Intern**
  Bloomberg LP — Summer 2023

  - Created dashboards tracking financial market KPIs; improved decision-making processes across teams.

  - Modeled volatility trends using historical S&P 500 data.

## Projects

- **Stock Portfolio Optimizer** — Implemented a mean-variance optimization model using historical data to maximize Sharpe Ratio.

- **Time Series Forecasting** — Used ARIMA and LSTM models to predict future cryptocurrency price movements.