DOMINIC SAMPOERNA PETORAL

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EDUCATION

THE GEORGE WASHINGTON UNIVERSITY, School of Business **Washington, DC**
Bachelor of Science in International Business, Concentation in Finance December 2026
Relevant Coursework: Financial Management & Markets, Principles of Microeconomics, International Banking, Excel Financial Modeling, Principles of Macroeconomics, Regression Analysis, Regional Strategy for Multinationals

PROFESSIONAL EXPERIENCE

SMB CAPITAL **New York, New York**
Equities Trading Analyst May 2026 – July 2026

- Identified inconsistent fill quality on the desk's equity trades, logged 200+ executions in Excel and benchmarked each fill against VWAP anchored to the day's key catalyst to measure whether entries beat the average price paid by the market since that event, cutting average slippage from ~5bps to ~3bps.
- Researched and wrote daily premarket notes on a 10-name semiconductor basket to guide the desk's trading plan. Tracked AI driven chip demand through analyst revisions, forward P/E and EV/EBITDA multiples versus sub sector peers, and TSMC revenue data to set price targets and flag catalysts.
- Built a factor model with Claude Code to test whether semiconductor returns were driven by fundamentals or speculative positioning. Ran rolling weekly regressions to track the dominant driver each month across macro factors, AI capex announcements, and hedge fund positioning CFTC data. Finding positioning added little explanatory power and was more fundamentally driven.
- Analyzed intraday order flow across the semiconductor basket to detect institutional selling into strength. Flagged early distribution signals ahead of price reversals, prompting trimmed exposure on active positions.

THE GENAU GROUP REALTY ADVISORS **Washington, DC**
Investment Analyst Associate November 2024 – September 2025

- Ran a stress test on a $12M financing project, structuring financing to optimize debt service coverage with a 65% Loan-to-Cost ratio, to evaluate capital stack resilience under adverse market conditions.
- Analyzed projected returns and financing terms across three bid scenarios. Modeled projected returns targeting 12%–14% ROI, benchmarking risk-adjusted return profiles against institutional standards.

PROJECTS

USD/JPY ASIAN FX MEAN REVERSION STRATEGY March 2026 – May 2026
Python (Claude Code, pandas, NumPy, matplotlib, yfinance)

- Built a systematic mean reversion backtest on USD/JPY using a 20-day z-score signal to identify overbought and oversold conditions, validated across 20.5 years of daily OHLCV data spanning two BOJ normalization cycles.
- Engineered a dual confirmation filter combining realized volatility regime detection and AUD/USD momentum to capture JPY safe-haven dynamics, reducing active trading to 11.2% of days while maintaining a 52.4% hit rate.
- Measured six model configurations including trend following, time stops, and CFTC overlays, finding that signal simplicity outperformed complexity and producing a four-panel dashboard of entry signals, z-score zones, cumulative returns, and rolling Sharpe.

ALPHA GUIDE CAPITAL July 2026 – Present
Founder & Head of Research

- Founded a weekly macro research publication that translates institutional grade analysis into clear market insight for everyday investors. Building a two-layer report that informs 103 readers across LinkedIn and the newsletter.
- Track each week's key macro story across different sectors, covering the macro summary and an overall outlook. analyze a layer deeper into positioning by reading futures and short selling data. Helping readers understand not just what moved markets, but why it moved and whether we expect the move to last.
- Built a weekly research workflow on Bloomberg Terminal that pulls economic releases, market-implied rate expectations, and CFTC positioning data into a single Excel model. Measured each data surprise against consensus to identify the macro drivers, giving readers a data-backed read on each week's key story.

SKILLS/ACTIVITIES

Technical: Python (pandas, NumPy), SQL, Claude Code, Excel, Bloomberg Terminal, TradingView
Certifications: Bloomberg Finance Fundamentals (Apr 2026), Bloomberg Market Concepts (Jan 2026), CFI 3-Statement Modeling (Dec 2024)
Activities: Peer Trading Community (May – Jun 2025), Competitive Exhibition Boxing (Aug 2023 – May 2025)
Interests: Loyal Knicks Fan, Tight Aggressive Poker Player, Passion for Global Traveling