FRANCO CACCIA
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Education:
Master of Science in Aerospace & Space Systems Engineering, August 2026 - In Progress
Lehigh University, Bethlehem, Pennsylvania
Bachelor of Science in Computer Science, Minor in Mathematics, January 2024 - August 2026
University of Lynchburg, Lynchburg, Virginia

Relevant Coursework:
Artificial Intelligence, Machine Learning, Data Structures, Databases, Operating Systems, Architecture & Assembly, Applied Regression, Accounting, Business Statistics, Investment Fundamentals, Finance.

Experience:
Finance & Data Research Assistant, Lehigh University, Bethlehem, Pennsylvania 08/2026 – Present
- Build Python pipelines parsing N-CSR filings from SEC EDGAR into research-ready datasets.
- Extract securities lending revenue across two fund complexes and two decades of filing formats.

Quant Analyst & CS intern, Student Managed Investment Fund, Lynchburg, Virginia 03/2025 - 08/2026
- Produced quantitative research on analyst-requested tickers for a ~$1.2M fund that outperformed the S&P 500 in 2025 at 0.6 beta.
- Built the Go/Python analysis system; co-managed the quant team's indicator-driven portfolio.

International Admissions Assistant, University of Lynchburg, Lynchburg, Virginia, 02/2024 - 08/2026
- Evaluated and processed documents and guided incoming students with government documents.

Technical Skills:
Assembly, C, C++, C#, Go, Python, Rust, Java, Node.js, React, Solidity, Foundry, TypeScript, PHP, MATLAB, MySQL, MongoDB, Azure, Docker, Google Cloud Run, Firebase, Linux, Git, Flex & Bison.

Projects:
DeFi Lending Protocol, 10/2026
- Over-collateralized lending protocol in Solidity using Foundry and Chainlink price feeds.
- Verified against an independent C++ model; fuzz, invariant and fork tests at 100% coverage.

Yitron - Freight Return-Lane Matching, 08/2026 – Present
- Building a SaaS platform matching private truck fleets with return freight to cut empty miles.
- Auction and fixed-price matching for U.S. carriers running deadhead lanes.

Automated Trading Bot, 01/2026 – Present
- Autonomous Go/Python trading bot using Alpaca, technical indicators, news, and Gemini AI.
- Deployed and paper-tested the strategy on a $100K simulated portfolio with autonomous real-time trade execution.

Automated Quantitative Analysis Program, 01/2026 – 04/2026
- Built a Go/Python platform generating quantitative reports, signals, charts, and PDFs.
- Saved 5+ hours/week of manual analysis, integrates directly into fund decision making.

Certificates & Languages:
Instrument Rated Commercial Pilot License, ANAC Argentina. (FAA In Progress) 220+ flight hours
Flight Dispatcher License, 01/2026 - In Progress
Bloomberg Market Concepts, 04/2026
Restricted Radiotelephone Operator Permit, FCC.
Spanish (Native), English (Bilingual), Portuguese (Fluent), Mandarin (Basic)