

Brock Varzaly

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Summary

Innovative Financial Technology student (B.S., 2026) with strong skills in finance, trading systems, and AI-driven analytics. Experienced in building automated valuation and trading platforms, stress-testing algorithms, and applying advanced computing (AI, BCI, and supercomputing) to solve quantitative challenges. Proven leader in research, entrepreneurship, organizational finance. Experience in developing fintech solutions in enterprise COBOL for zOS on a production mainframe, z16.

Education

University of North Florida - Expected Graduation: Dec 2026

Bachelor of Science in Computing and Information Sciences in Financial Technology

Undergraduate Researcher in **Brain-Computer Interfaces** and **Artificial Intelligence**

Entrepreneurial and Leadership Experience

Founder | Axon Labs | 2025-present

+ Developing AI systems for converting brainwaves into controls for gaming with a greater accuracy

Co-Founder | USTOHOME | 2024-present

+ Built an automated price analysis and optimization system for high-tariff international shipping, maintaining competitive positioning in South America

Skills

+ Python, Java, C, Enterprise COBOL, HTML, AWS, Excel, JavaScript, React Native, Swift, REXX, W&B, R, Finance, Accounting, Investments, Automation, Statement Analysis, DCF, EV/EBITDA, WACC, stress testing algorithms.

School Projects, Certifications, and Clubs

- + Treasurer of the z/OSpreys Mainframe Club
- + Treasurer of the Undergraduate Biophysics Research Collective (UBRC)
- + Finance and Investment Society
- + Advanced IBM Certification & REXX IBM Certification
- + Student Senator
- + IBM Z Student Ambassador
- + Quantum Computing Fundamentals Certificate

Work Experience

Americans For Prosperity | 2024-2025

- + Engaged with hundreds of constituents daily to gather insights on key political issues.
- + Achieved a 100% election success rate for all candidates and initiatives.

Personal Development Experience

The Trading Module | 2025

- + Built a custom locally hosted LLM for secure, private interaction with financial data.
- + Engineered an automated back testing engine for all Fortune 500 stocks, both individually and in aggregate.
- + Implemented live trading with programmable trade logic and programmable notifications