

Samuel Ernest Katsaros

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EDUCATION

Stony Brook University | Honors College
Bachelor of Science in Business Management

Stony Brook, New York
Graduated December 2024

- Specialization in Finance | GPA: 3.83
- Courses: Quantitative Finance, Probability Theory, Financial Mathematics, Applied Linear Algebra, Computer Science

Clubs and Associations: Investment Club, Real Estate Institute, Finance Society, Real Estate Club, Chess Club, Math Club

PROFESSIONAL EXPERIENCE

Augr Inc.

Senior Private Equity Intern

Manhattan, New York

August 2023 – Present

- Managing a team of private equity interns, overseeing the sourcing and analysis of + 50 weekly deals.
 - Conducting due diligence and maintaining an active pipeline to support investment decisions.
- Leading technical PortCo operations, developing real-time scrapers, and APIs to streamline backend and generate leads.
- Executing leveraged buyouts with high opportunity for add-on investments, capitalizing on multiple arbitrage.
- Securing follow-on capital for merger & acquisition strategy, continuously sourcing add-on opportunities.

Centre Lane Partners

Private Equity Intern

Manhattan, New York

May 2024 – August 2024

- Lead the integration of iLevel into firm's private equity and credit operations, working directly with President and CFO.
 - Streamlined data analysis and sharing between investment, deal, operations, IR, and management teams.
- Developed an API via iLevel to digest, manipulate, and customize data integrations, programming in Python, Java, and C#.
 - Utilized to source, perform due diligence, execute, and manage deal pipeline and post-portfolio integrations.
- Employing: DCF, IRR, LBO, NPV, MOIC, Stress Testing, Precedent Transactions, Cap Rate Analysis, DSCR, SOTP.

J & J Samuel Associates

Investment Analyst Intern

Manhattan, New York

July 2022 – August 2023

- Conducted financial analysis for +30 commercial real estate acquisitions and developments.
- Led a comparative study across REITs, ETFs (Traditional & Buffer), and Private Equity investments, presenting findings:
 - Diversifying portfolio risk by 15% and enhancing potential returns to a 16.62% cap.
- Executed a roll-up merger, consolidating six properties, achieving a 23.7% IRR and a 3.7x equity multiple.
- Actively managed portfolio performance, applying metrics to monitor market trends, assess valuations, and calculate returns.

ENTREPRENEURIAL VENTURES

Syllabus-Sharing Web App | *.Syllabus.Website

Founder & Developer

Port Jefferson, New York

September 2024 – Present

- Engineered a React.js web application leveraging JavaScript, JSX, HTML, and CSS to compress and store syllabi in an SQL database; deployed on a Raspberry Pi 5 Kubernetes cluster, now serving over 12,000 active users and scaled to 5 universities.

OneCard | www.OneCardAI.com

Founder

Port Jefferson, New York

November 2023 - Present

- Pioneering a financial technology startup, targeting a +\$130B market; recognized finalist in NY state business plan competition, leading to exposure to +500 potential investors and industry moguls.
- Engineering a proprietary machine learning algorithm using Python, C++, and C#, enhancing processing efficiency by 70%.
- Leading a team of 8 to execute R&D and marketing strategies, continually improving product based on market analysis resulting in a 40% increase in quarterly sales and a 1,500% increase in waitlist size; managed through Salesforce.

Statistical Arbitrage Trading Model

Quantitative Developer & Researcher

Port Jefferson, New York

March 2024 - Present

- Developed a quantitative trading model using Python, CUDA, MATLAB, and R, deployed on NVIDIA Jetson Orin Nano.
- Engineered data pipelines to process financial datasets, compress through tokenization, and remove bias for backtesting.
- Applied to equities using machine learning and extensive Python libraries to improve Sharpe ratio.

LEADERSHIP & ACTIVITIES

Harvard Business School

MBA-prep | Summer Venture in Management Program (2% Acceptance)

Cambridge, Massachusetts

Summer 2024

Investment Club

President

Stony Brook, New York

April 2022 – January 2024

- President of the university's largest club; managed a six-figure investment fund and provided financial literacy to students.
- Coordinated fundraising initiatives, increasing club funding by 75% and membership by 30% to +1,000 members.

College of Business Diversity, Equity & Inclusion Committee

Founding Member

Stony Brook, New York

April 2022 – Present

- Championing diversity, equity, and inclusion initiatives to foster an inclusive environment within the College of Business.

SKILLS

Computer: C/C++/C#, R, Python, MATLAB, SQL, Java, Tableau, Excel, Salesforce, PowerPoint, Bloomberg Terminal, VBA

Awards: New York Business Plan Competition Finalist, 1st in Stock Summit, Real Estate Institute Scholar, NYCB Scholar

Interests: Golf (VP of Golf Club), Spearfishing, Astrophysics, Rocket Modeling, Chess, Real Estate, Football (Linebacker)