SAMARTH SUDARSHANA

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EDUCATION

University of Maryland, College Park, Robert H. Smith School of Business — Expected May 2029
Bachelor of Science, Finance (Double Degree: Biological Sciences, Physiology & Neurobiology) — GPA: 3.7
Minor: Statistics; Smith Plus One: Quantitative Finance Track

Relevant Coursework: Applied Probability and Statistics; Calculus I and II; Economics; Financial Management; Valuation in Corporate Finance; Accounting I & II; Information Systems, AI, and Digital Transformation

PROJECTS

Trading Strategy Backtester — 2024-2026

- Built a JavaScript backtester that runs 3 strategies (SMA crossover, RSI mean-reversion, Bollinger Bands) on live market data and reports CAGR, max drawdown, win rate, and Sharpe ratio
- Programmed a Pine Script strategy combining Bollinger Bands and RSI to test those signals against historical price data

Personal Portfolios and Trading Bot — Ongoing

- Manage 10+ real-money portfolios that each test a different strategy, logging the reason for each trade
- Building a trading bot with Claude Code, connected to Robinhood through its MCP integration and an agentic account
- Built an algorithmic trading bot on the Blankly platform

SimulateEd (dpble.com) — 2025-Present

- Built 7 interactive science simulations in JavaScript; 12.1K Google Search impressions and 530+ clicks over 16 months
- Implemented a Hodgkin-Huxley neuron model, a Fourier transform explorer, and wave interference patterns

WORK EXPERIENCE

Project Destined — Washington, DC
Real Estate Private Equity Intern — Jun 2026-Aug 2026

- Underwrote three multifamily investments in Excel; the final was a $6.5M, 28-unit value-add acquisition in Phoenix with a $445K, four-year renovation plan
- Modeled a 10-year hold with 3.25% annual rent growth, vacancy stabilizing at 3% by Year 7, and a 5.0% exit cap, reaching a 13.4% levered IRR and 3.27x multiple
- Compared unlevered returns (10.7% IRR, 2.46x) against the levered case, using a 5.32% rate and 30-year amortization on the $3.1M loan
- Sized debt at a 10% debt yield ($3.1M loan, 47% LTV, 1.48x min. DSCR) and presented the deal in a case competition with 200+ participants

Capital Cardiac Care — Gaithersburg, MD
Clinical Operations Intern — Sep 2024-Jun 2025

- Supported daily operations for a cardiology practice seeing 10+ patients a day, keeping records and visit prep accurate
- Processed and reconciled 10,000+ confidential patient records under HIPAA standards

ACTIVITIES AND HONORS

Morgan Stanley Early Insights Program, *Participant (Virtual)* — Nov 2026

Kaveri KYC, *President* — Dec 2022-Jan 2024

- Led a youth-run nonprofit as president, managing the budget and fundraising for nonprofits in India and the US
- Organized fundraising events and Earth Day cleanups, some with 500+ attendees

Honors: Dean's List; University Honors Program; Honors College

SKILLS

Technical: Python, Pine Script, JavaScript, HTML, MS Excel (Advanced: Financial Modeling, PivotTables, Lookup Functions), Bloomberg Terminal, MS PowerPoint, Google Suite
Analytical: Financial Modeling, Valuation, Financial Statement Analysis, Data Analysis
AI: Claude Code, ChatGPT, Microsoft Copilot
Languages: English (Native); Kannada (Heritage speaker)
Interests: Chess; poker (home games); Hypixel SkyBlock Bazaar and Auction House trading; paper trading since middle school
Courses and Certifications: Certified Pharmacy Technician, NHA (Apr 2025); Harvard CS50P: Introduction to Programming with Python (in progress)