SAMARTH SUDARSHANA

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EDUCATION

University of Maryland, College Park, Robert H. Smith School of Business — Expected May 2029
Bachelor of Science, Biological Sciences, Physiology & Neurobiology (Double Degree: Finance) — GPA: 3.70
Minor: Statistics | GPA incl. Montgomery College: 3.81

Relevant Coursework: Human Anatomy & Physiology I; Principles of Biology I-III (I and II via AP); Organic Chemistry I and Lab; Chemistry Fundamentals I and Lab; Calculus I and II (AP); Applied Probability and Statistics I (in progress); Business Statistics; General Psychology; Technical Writing; Medicine in Illustration

CLINICAL EXPERIENCE

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

- Completed 150+ hours at a cardiology practice seeing 10+ patients a day, preparing visits and keeping records accurate
- Recorded vitals and EKGs and assisted with nuclear stress tests during routine cardiac assessments
- Prepared and verified saline syringes for 500+ patient visits, following strict quality-control and safety protocols with close attention to accuracy
- Securely shredded 10,000+ confidential patient records following HIPAA records-destruction standards

Sutter Roseville Medical Center, *Surgical Shadow* — Aug 2024

- Shadowed a robotic bariatric surgeon and team over 9 business days, observing decision-making under time pressure
- Observed live da Vinci Xi robotic and laparoscopic bariatric procedures, with exposure to the OR and ER

Children's National Hospital — Washington, DC
Rheumatology Intern — Jun 2023-Aug 2023

- Completed 40+ hours organizing 100+ patient records across physical and electronic systems for accurate documentation
- Shadowed a pediatric rheumatologist during visits for chronic autoimmune and inflammatory conditions

PROJECTS

SimulateEd (dpble.com) — 2025-Present

- Built 7 interactive science simulations in JavaScript with AI coding tools, including a Hodgkin-Huxley neuron action potential model, a DNA replication visualizer, and a molecular orbital builder
- Reached 12.1K Google Search impressions and 530+ clicks over 16 months, led by the molecular orbital simulator
- Drew search traffic from queries such as "molecular orbital simulator" and "DNA replication simulation"

LEADERSHIP AND SERVICE

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 bake sales, art workshops, and Earth Day cleanups, some with 500+ attendees, raising $300+ per event

ADDITIONAL EXPERIENCE

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

- Underwrote three multifamily investments in Excel, including a $6.5M, 28-unit acquisition, and presented the deal in a case competition with 200+ participants

HONORS AND AWARDS

Dean's List (Fall 2025, Spring 2026); University Honors Program, Honors College

SKILLS

Technical: MS Excel (Advanced: PivotTables), Python, JavaScript, HTML, Data Analysis, MS PowerPoint, Google Suite
Clinical: HIPAA Compliance, Patient Records (Physical and Electronic), Syringe Preparation, Vital Signs, EKG, Safety Protocols
Languages: English (Native); Kannada (Heritage speaker); Hindi (Basic)
Courses and Certifications: Certified Pharmacy Technician, NHA (Apr 2025); CITI Biomedical Research (Aug 2023); Harvard CS50P: Introduction to Programming with Python (in progress)