

DEVIN GUPTA

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EDUCATION

STANFORD UNIVERSITY

Stanford, CA

B.S. Physics (Computation & Data Science) and B.S. Management Science & Engineering (Finance)

Expected Jun 2026

Relevant Coursework: Artificial Intelligence, Differential Equations, Game Theory, Data Structures and Algorithms, Linear Algebra, Quantum and Statistical Mechanics, Networks, Investment Science, Computational Physics

EXPERIENCE

BALYASNY ASSET MANAGEMENT

New York City, NY

Proprietary Research Summer Associate

Jun 2024 – Aug 2024

- Quantitative intern on fundamental generalist L/S equity investing pod under MD of Equities, Steve Schurr
- Integrated alt data into proprietary data platform for 'thematic' equity insights, leveraging BAM's Applied AI embedding models and scalable data techniques/platforms like Spark and Redshift, including refactoring existing codebases
- Generated idiosyncratic alpha on 3 short theses; diligence via expert interviews, sell-side research and financial analysis

ATOMIC VAULTS

San Francisco, CA

Quantitative Research Intern

Sep 2023 – Mar 2024

- Developing options models: covered call overlays, dispersion trades, post-split delta distribution changes and efficient quoting
- Engineered FIX Engine and OMS brokerage infrastructure in Go, including optimal order routing between competing MMs
- Sourced 3 strategic angel investors within fintech, asset and wealth management, including buy-side market mapping

DUCO EXPERTS

Stanford, CA

Engineering / Technology Policy Intern

Jun 2023 – Sep 2023

- Consulted with 4 big tech clients on regulatory compliance within Generative AI and the Metaverse, focusing on 16 countries
- Built 3 OpenAI-enabled python automations to gather client-related news for policy research; designing front-end experience
- Led internal data collection for 6-figure pricing restructuring, created buy-in across market verticals and presented to C-suite

RESEARCH

STANFORD ULTRAFAST ELECTRONICS AND NANOPHOTONICS

Stanford, CA

Undergraduate Physics Researcher

Jan 2025 – Present

- Extracted 3 fourier-based features of XFEL diffraction images of custom silicon nanoparticles, characterizing
- Created adaptive image classification model across dimer and monomer classes, utilizing noise reduction techniques

STANFORD ARTIFICIAL INTELLIGENCE LABORATORY (SAIL)

Stanford, CA

Machine Learning Research Intern

Oct 2023 – Mar 2024

- Developing robust imitation learning with mode switching to prevent compounding distributional shifts in evaluation
- Focus on human-robot interaction based learning within Prof. Dorsa Sadigh's lab ILIAD, under PhD Joey Hejna

LEADERSHIP

STANFORD STUDENT ROBOTICS

Stanford, CA

Logistics Officer

Jul 2023 – Present

- Organized intercollegiate networking events with Harvard, MIT and Berkeley Undergrad Robotics
- Managing fundraising and creation of SSR Endowment via large corporate grants and sponsorships

SKILLS AND INTERESTS

Skills: Proficient in Python, Javascript, HTML/CSS, NetworkX, Git; Journalistic Writing, Qualitative Coding

Interests: Home Automation, Carbon Pricing, Multi-Agent Robotics, Quantum Information, Boulderling, Acoustic Guitar

Languages: Fluent in English, Hindi; Learning Proficiency in Spanish, Mandarin

Awards: Finra Series 24 (*in-progress*) and SIE Exams, 2nd Place in Stanford XR Hackathon (2022), National Merit Finalist (2022)