Steve Dou

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EDUCATION

Stanford University | 3.9/4.0 GPA   **Expected June 2026**
- B.S. in Computer Science (Artificial Intelligence Track), Minor in Political Science. *Stanford, CA*
- Achievements: Apple Pathways Scholar, Congressional Service Gold Medalist.

Lynbrook High School | 4.0/4.0 GPA   **Graduated June 2021**
- 1580/1600 SAT I. *San Jose, CA*
- Achievements: Coca-Cola Scholar, Google Science Fair Semi-Finalist, President of CS Club, President of ML Club.

EXPERIENCE

Meta   **June 2025 – September 2025**
Machine Learning Engineer Intern   *New York, NY*
- Incorporated cross-modal features from posts and ads across Facebook and Instagram to improve feed and ads ranking.
- Created a RAG pipeline to analyze trends in fundraising posts across Meta's apps to increase donations to nonprofit orgs.

Meta (Fundamental AI Research Lab)   **June 2024 – September 2024**
Research Engineer Intern   *New York, NY*
- Developed and evaluated methods for harmful content classification in Llama models and conducted policy alignment.
- Measured the diversity and realism of AI generated images, providing objective metrics to improve image gen models.

Amazon   **June 2023 – September 2023**
Software Development Intern   *Seattle, WA*
- Implemented a deep validation pipeline using AWS services to help telecom companies set up 5G networks 8% faster.
- Applied ML to identify malicious data patterns in network traffic to enable more efficient mitigation of network threats.

Artemis Connection   **March 2022 – June 2022**
Strategy Consultant Intern   *Seattle, WA*
- Developed a successful go-to-market strategy and five-year organizational roadmap for an economics education client.
- Built and managed three dashboards in PowerBI for client projects and internal workflows, decreasing work time by 20%.

Stanford University Medical School Alvira Lab | [Cell Press Research Paper]   **April 2021 – September 2021**
Biocomputational Software Engineer   *Stanford, CA*
- Engineered biosensors with RNA probes and wrote Python scripts for analyzing genetic development in mice lung cells.
- Co-author of a research paper published in *iScience,* a peer-reviewed journal from the high-impact publisher *Cell.*

Stanford University Bao Do Lab | [IEEE Research Paper]   **December 2020 – April 2021**
Machine Learning Engineer Intern   *Stanford, CA*
- Improved the automatic extraction of skeletal maturity labels from x-rays using ML for surgery applications.
- Co-author of a research paper published in the *IEEE BIBM 2020 Conference* and co-presenter of the paper at symposiums.

LEADERSHIP & ACTIVITIES

Scholars of Finance   **September 2023 – Present**
Vice President of Professional Development
- Hosted biweekly guest speaker events with finance professionals, such as CFOs from Fortune 500 companies and MDs.
- Organized and ran Undergraduate Mentorship Program with 10 students from the Stanford Graduate School of Business.

Society of Latinx Engineers   **September 2022 – Present**
Vice President
- Led weekly problem-solving, resume editing, and interview preparation workshops for 40+ low-income students.
- Building a new test website in HTML and implementing assistive web technology using Semantic HTML for accessibility.

Stanford Brazilian Students Association   **September 2022 – Present**
Financial Officer
- Oversee budget and apply for quarterly funding from Stanford, including grants for company visits and investments.
- Pair Latinx upperclassmen mentors with 10+ students to assist in interview prep and establish a Latinx campus network.

SKILLS & INTERESTS

- **Skills:** Python, C, C++, Java, JavaScript, React, SQL, Swift, Data structures, Algorithms, ML, AWS.
- **Interests:** Portuguese, Brazilian culture, Mural painting, Electric guitar, Motorcycling, Weightlifting, Drawing, Sculpting.