

Daniel Yang

dy92634@stanford.edu | (512) 751-4265 | www.danielatx.me

EDUCATION

Stanford University

Stanford, CA

Computer Science BS | Statistics Minor | 3.84/4.00

Class of 2026

Coursework: Operating Systems, Parallel Computing, Computer Networking, Distributed Systems, Data Structures, Linear Algebra Mathematics, Statistical Inference, Stochastic Process, Differential Equations, Assembly, Databases

Stanford University

Stanford, CA

Computer Science MS

Class of 2027

EXPERIENCE

Stanford Translational AI Laboratory

Stanford, CA

Undergraduate Researcher

February 2025 - Present

- Designing lightweight frameworks and containerized VMs for deployment of neuroimaging models

Optiver

Chicago, IL

Software Engineer Intern

June 2025 - August 2025

- Developed firmwide replay tool to retrieve and filter historical pricing adjustments, used by 200+ traders
- Built market data capture in C, replacing legacy Python and reducing data processing from 3 hours to 25 minutes
- Implemented latency metric reporting for auto-trading systems, capturing and reporting 240k+ daily timings

Hewlett Packard (HP)

Austin, TX

Software Engineer Intern

June 2024 - September 2024

- Coded Python scripts to collect 160k online reviews to finetune Chatbot capable of product design recommendations
- Shipped Chatbot platform with React UI, API integration, and SQL database; adopted by 200+ product managers
- Reduced facial identification latency in webcam products by 30% through redesigning core features in C++

Lasso Solutions

San Francisco, CA

Software Developer Intern

June 2023 - August 2023

- Revamped web UI for company, enabling clients to easily apply for federal agriculture farming grants
- Delivered project to integrate our platform with external data sources, speeding up data ingestion by 80%
- Executed data parsing, cleansing and predictive autofills, causing 33% improvement in clients' applications speed

Naval Sea Systems Command

Remote

Software Engineer Intern

February 2023 - September 2023

- Designed multiple data models to predict performance, degradation, and machine failure for York Marine AC Plants
- Analyzed over 3.5 million sensor readings with final deployment reducing maintenance inspection times by 85%

RESEARCH/PROJECTS

Palantir Winter Fellowship

Remote

Software Developer Fellow

January 2025

- Created a real-time, on-demand sign language translator turning live camera feed into text leveraging Palantir's AIP
- Combined multiple custom vision models with lightweight enhancements, beating benchmarks by 11%

Google Developer Student Club

Stanford, CA

VP of Outreach

October 2023 - February 2024

- Delivered application for nonprofits to source food and housing for homeless shelters with Google engineers
- Configured model to predict surges in demand for housing and available food pickup sources from historical data

AWARDS

HP Interstellar Award (most impactful intern project out of 400 interns)

Natural Language Processing report on BERT and GloVe findings selected for SemEval 2023 ACM conference

2021 Usapho (physics) Qualifier | 2021 Usnco (chemistry) Finalist | 2021 AIME | 4th Ranked Debater Internationally

1600/1600 SAT | National Merit Finalist | Westlake High School Valedictorian (1 out of 750 students)