

Matthew Torre

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EDUCATION

Stanford University

B.S. Computer Science (AI Track)

GPA: 3.71

Expected Jun 2026

Selected Coursework:

CS238, CS221, CS230, CS131, CS161, CS109

Certifications: SAFe Scrum Master, DeepLearning.AI

Leadership: SURA Exec Board

SKILLS

Languages:

Python, C++, C, TypeScript

Frameworks:

PyTorch, React, Node.js, Next.js

Tools:

Git, Unix, REST APIs, RAG Systems, Vector Search, Jira, Confluence

LEADERSHIP

Stanford Undergraduate Research Association — Exec Board

AISES Member

Perplexity Campus Ambassador

EXPERIENCE

Stanford CS — PinCS Lab Aug 2024 – Present
Research Assistant (Chris Gregg)

- Expanded PinCS interactive-lesson platform used across Stanford CS; contributed to authentication, session management, platform stability.
- Implemented isolated prod/dev cookie system, env-scoped NextAuth config, and rotated secrets to eliminate cross-env session collisions.
- Improved DX by documenting env variables, refining deployment configs, and standardizing local testing workflows.

Synchrony Financial — Tech Leadership Program Jun 2024 – Aug 2024
AI/ML Product & Engineering Intern

- Built retrieval-augmented expert-matching system (Flask + vector embeddings) reducing knowledge search from hours to seconds.
- Developed SOC2 RAG document-parsing MVP integrating OCR, embedding search, and LLM-based QA.
- Identified 20+ operational bottlenecks and produced automation roadmaps saving hundreds of assessment-hours.
- Authored quantum-AI research briefs and built QAOA-based TSP demo for leadership.
- Presented stablecoin competitive landscape to incubation division.

Stanford School of Medicine Aug 2024 – Apr 2025
Machine Learning Research Assistant

- Built CNN to classify cranial nerve palsies vs. normal eye movements using 9Gaze clinical imagery.
- Designed data pipelines, augmentations, and evaluation metrics for model validation.

Stanford Technology & Ventures Program — XFund Fellow Sep 2024 – Dec 2024

- Created decision framework for navigating ethical and strategic tradeoffs in AI-driven products.

Demystifyd (Seed-Stage Startup) Feb 2024 – Aug 2024
Founding Product Manager

- Led development of AI-powered virtual career fair feature; achieved 150 DAU and 10% premium conversion.
- Authored PRD (requirements, architecture, user research, GTM strategy) and coordinated engineering/design deliverables.

Adams Street Partners — Growth Equity Jun 2023 – Jul 2023
Investments Intern

- Analyzed 100+ growth-stage AI/SaaS/NLP companies and synthesized sector landscapes.
- Presented insights to partners and investment teams.