

# Matthew Torre

(909) 480-6167 | mtorre04@stanford.edu | www.linkedin.com/in/mtorrestanford | [Github](#) | [Portfolio](#)

## EDUCATION

### Stanford University

Stanford, CA

**B.S. Computer Science** (Artificial Intelligence) | Minor: Data Science

GPA: 3.71 | June 2026

**Relevant Coursework:** Certified SAFe® 6 Scrum Master | Leland Product Management Bootcamp Certification

**Societies:** STVP: XFund Ethics Fellow (Formerly PEAK Fellows) | Stanford Summer Fellow | Stanford Undergraduate Research Association Executive Leadership | Stanford Management | American Indian Science and Engineering Society (AISES) | Sigma Phi Epsilon | Stanford Summer Fellow | Rising Bird Fellow | Curious Cardinal Mentor

## SKILLS & INTERESTS

**Skills:** C++, R, Python, SPSS, SQL, JQL, Tensorflow, Pytorch, React

**Tools:** Jira, Git, Figma, ServiceNow, Bitbucket, Grafana, Confluence, Cirq, RestAPIs, Model-Context Protocol

## PROFESSIONAL EXPERIENCE:

### Synchrony Financial, Technology BLP Intern (Incubation, Enterprise Architecture, GenAI)

August 2024 - Present

- Developed a professional development and collaboration platform using OpenAI's API to match employees with domain experts via natural-language queries. Designed a retrieval-augmented architecture with Flask and JSON datasets, implementing keyword extraction and semantic search to rank recommendations. Built modular backend APIs for query handling, LLM integration, and top-match highlighting, and planned scalable integrations with Workday, Jira, Confluence, and Microsoft Teams. Incorporated embedding-based retrieval to address LLM context window limits and support cross-functional knowledge sharing.
- Progressed technology assessment initiative identifying, documenting, and proving out solutions for 20+ process bottlenecks, saving hundreds of hours of assessment downtime
- Developed an AI-powered SOC2 Document Parsing MVP using a Retrieval-Augmented Generation (RAG) architecture, integrating OCR, semantic search with vector embeddings, and LLM-based query answering. Delivered a scalable architecture adaptable to cloud deployment, reducing compliance review time from hours to seconds and improving accuracy by grounding answers in source documents.
- Presented the Stablecoins competitive research to the executive leadership of the technology incubation division
- Wrote internal technical reports on quantum computing and artificial intelligence synergies, demoing a solution to the Traveling Salesman Problem using Quantum Approximate Optimization Algorithm (QAOA)
- Updated 150 technology stack records to improve technology stack quality/accuracy and reduce redundancy

### Demystifyd, Founding Product Manager

February 2024 - September 2024

- Spearheaded the development and integration of an AI-driven virtual Career Fair Feature, boosting user engagement to 100+ daily active users and achieving an 11.3% premium conversion rate by leveraging Agile methodologies and data-driven decision-making.
- Collaborated cross-functionally with the Founder/CTO, Marketing, and UX teams to execute a 6-month growth strategy, driving business outcomes through user-centric design and strategic planning.

### Stanford Management, Project Manager | Senior Consultant

December 2023 - March 2025

- Spearheading marketing & brand image project of Microsoft's Imagine Cup, conducted SWOT competitive analysis, synthesized 50+ interviews & primary research surveys to improve user engagement.
- Led a team of 5 consultants on the Lumiere Education Consulting Project on strategic expansion, identifying new verticals, and developed an integration plan from comprehensive market research/stakeholder feedback to enhance offerings
- Developed social media integration widget and presented UI improvements for Google Pixel Executive Leadership

### Adams Street Partners, Growth Equity Investments Intern

June 2023 - July 2023

- Collaborated with the Growth Equity team to analyze 60+ growth-stage companies' data
- Synthesized use cases for growth stage software development, image generation, NLP & content generation, & organizational optimization. Presented sector loop to partners, associates, & analysts in the firm

## TECHNICAL PROJECTS:

**Minimum Viable Product & Product Review:** Developed EzRecruit, a Proactive Recruitment Management Platform designed to streamline and automate the recruitment processes for university varsity coaches.

**ProdPrepAI:** ProdPrepAI is an AI tool designed to assist aspiring product managers with interview preparation

**Independent Research Project:** Quantum Computing x AI: Theory and Applications