

Faye Lin

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Education

University of California, Berkeley

Bachelor of Arts in Data Science

Bachelor of Arts in Economics

Berkeley, CA

Expected May 2028

Skills

Relevant Coursework: Data Structures, Data Analysis, Data Visualization, Micro/Macro Economics, Financial Modeling

Skills: Python, Java, MySQL, React, Git, RAG, Ollama, Llama, Langchain, AnythingLLM, AWS Bedrock, ChromaDB, Docker

Work Experience

Empire State Realty Trust

New York, NY

AI Tools Intern

06/2026 - 08/2026

- Developing an AI assisted retrieval-augmented generation (RAG) system for commercial leases and financial research. Collaborating with cross-functional stakeholders while owning requirements definition, architecture, and implementation.
- Prototyped two RAG systems: a local Ollama/LangChain/ChromaDB/Llama3 stack and an Amazon Bedrock Knowledge Base implementation to evaluate tradeoffs ahead of full development.

Skyline - Berkeley SkyDeck

Berkeley, CA

AI Voice Engineering & Product Intern

01/2026 - 03/2026

- Built a real-time AI voice agent for CRE brokers to automate client qualification calls, targeting savings of up to 1.5 hours of call time per day across 7-10 minute introductory calls and client profile creation.
- Developed the React UI frontend with Tailwind CSS and shadcn/ui with Listening, Thinking, and Speaking states.
- Defined the Speech-to-Text STT/LLM/TTS pipeline architecture and evaluated competing voice AI models including ElevenLabs, Deepgram, Whisper, and Gemini to inform stack selection.

Cornerstone Global Partners (CGP Group)

Shanghai, China

Data Insights Intern

06/2025 - 08/2025

- Programmed an AI-powered browser extension that matches candidates to job descriptions, generating real-time match scores with explanation breakdowns to quickly sort through candidates without manually parsing through resumes.
- Developed MVP of CANDI, an AI-powered candidate insights platform for transcript parsing, objection tracking, and report generation. Automated workflows for candidate scoring, red/green flags, push/pull/stay factors, and personalized interview prep.

Loeb.NYC

New York, NY

NextGen Venture Strategy & Angel Investor Intern

12/2024 - 01/2025

- Conducted due diligence on seven early-stage startups, analyzing unit economics, market sizing, and valuation benchmarks to inform investment decisions.
- Researched emerging ventures in the Intellectual Property platform and Shopify A/B testing spaces, identifying market opportunities and competitive positioning for potential investment.

Activities

AquaMeridian U.S. Chapter Nonprofit

Alameda, CA

Founder & Executive Director

06/2022 - Present

- Founded the first U.S. Chapter of an international ocean conservation nonprofit, partnering with schools, libraries, and sponsors.
- Led monthly Alameda beach cleanups and outreach programs engaging 300+ community members, managing a 12-student leader team across operations, logistics, and budget.

Research & Awards

Regeneron Science Talent Search (STS) Scholar 2024

Regeneron ISEF International Science Competition Finalist 2022

- NOAA Science Communications Special Award
- INCOSE Engineering Special Award

Published Research in IEEE Xplore (2023)

- Authored a peer-reviewed paper with an Impact Factor of 3.472. Electronic ISBN: 979-8-3503-1406-9 | Print on Demand (PoD) ISBN: 979-8-3503-1407-6. Cited in Classification on Unmanned Underwater Vehicles: A Review (Ghatak et al., 2024).

Independent Researcher, WAL-SEA Project

- Designed and built a multifunctional submersible in Monterey Bay (up to 60 ft depth), achieving 10x faster surveying and 6x greater culling efficiency than human diver methods.