

Faye Lin

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Education & Skills

University of California, Berkeley

Bachelor of Arts in Data Science

Bachelor of Arts in Economics

Berkeley, CA

Expected May 2028

Relevant Coursework: Data Structures & Algorithms (CS 61B), Data Analysis & Modeling, Linear Algebra, Probability & Statistics

Skills: Python, Java, JavaScript, SQL/MySQL, RAG/Retrieval Augmented Generation, Harvey AI, LangChain, ChromaDB, Ollama, AWS Bedrock, Microsoft Azure, AWS, React/Vite, FastAPI, Supabase, Vercel, Git/GitHub, SharePoint/SPFx

Work Experience

Empire State Realty Trust

AI Tools Intern

New York, NY

06/2026 - 08/2026

- Developed Lease Intelligence, a proof-of-concept self-serve tool giving 50+ employees direct access to lease data previously gated behind Lease Administration. It features a plain-English Q&A interface with each answer citing sources, and a dashboard of rent steps, expirations, and holdovers across 880 leases.
- Modeled an 86% licensing cost reduction against purchasing more Harvey AI licenses, and presented the architecture (Harvey exports, Informatica ingestion, Azure storage with field-level protection, FastAPI retrieval) and rollout plan to ESRT leadership.
- Built Harvey AI Agents and Playbooks that read full lease packages (lease, amendments, side letters) and produce two abstract types: verbatim tabular abstracts for Yardi Voyager entry, cutting abstraction time ~50% by removing the OCR cleanup and second copy-paste pass, and RAG-optimized abstracts serving as the data layer for Lease Intelligence.

Skyline - Berkeley SkyDeck

AI Voice Engineering & Product Intern

Berkeley, CA

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)

Data Insights Intern

Shanghai, China

06/2025 - 08/2025

- Programmed an AI-powered browser extension and developed the MVP of CANDI, an enterprise candidate insights platform that automated workflows for multi-modal transcript parsing, NLP sentiment-based objection tracking, real-time resume-to-JD match scoring, and personalized interview preparation to eliminate manual profile screening.

Loeb.NYC

NextGen Angel Investor Apprentice

New York, NY

12/2024 - 01/2025

- Conducted due diligence on seven early-stage startups, analyzing unit economics, market sizing, and valuation benchmarks to inform investment decisions.

Projects & Research

CompLens

Founder

Berkeley, CA

07/2026 - Present

- Built and deployed a rent comp tool that turns a property address into a structured comp memo: nearby multifamily communities ranked by rent per square foot, with Census demographics and a map view.
- Developed the full stack solo: React/Vite on Vercel, Supabase auth and Postgres, Google Maps APIs, and a two-model Claude pipeline that sources rents from official leasing sites over aggregators.

WAL-SEA Marine Robotics Project

Researcher & First Author

Monterey Bay, CA

06/2022 - 2024

- Designed and built a custom submersible surveying vehicle navigating Monterey Bay to 60 ft, delivering 10x faster and 6x more efficient marine data capture than traditional diver methods.
- Recognized as a Regeneron ISEF Finalist 2022 (awarded NOAA Science Communications Award) and Regeneron Science Talent Search (STS) Scholar 2024. Presented and published peer-reviewed research in IEEE Xplore (Impact Factor 3.472).

Volunteering & Leadership

AquaMeridian U.S. Chapter Nonprofit

Founder & Executive Director

Alameda, CA

06/2022 - Present

- Founded and led the U.S. chapter of an international ocean conservation nonprofit over 4 years, engaging 100+ K-12 students through STEM education, environmental conservation initiatives, and community outreach programs.