

Yushan Li

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EDUCATION

University of California, Berkeley

08/2022 – 12/2026

B.A., Computer Science & Cognitive Science

- **Skills:** Claude Code, Zapier, Prompt & Context Engineering, Python, SQL, GoLang, RAG, Figma, Notion
- **Coursework:** NLP [WIP], ML [WIP], AI, Optimization Models, User Interface, Programming Languages
- **Scholarships:** Full Scholarship – Shelby Davis Foundation & UC Berkeley Departmental Award

WORK

UC Berkeley AI Research (BAIR)

Berkeley, CA

Undergraduate Research Assistant

02/2026 – 05/2026

- **Agent Last Exam:** Curating verifiable, long-horizon industry tasks (owned earnings analysis, SEC filings, live market data) to benchmark frontier computer-use agents. NeurIPS 2026 submission.
- Identified two architectural mechanisms structurally suppressing in-network content in X's 2026 **Grok-1** ranker, independent of learned weights under **Prof. Jonathan Stray**.
 - Custom three-region causal attention mask enforces complete candidate isolation via zero-masking before softmax; batch-composition invariance verified in controlled JAX/Haiku experiments.
 - Feature ablation: candidate embeddings dominate scoring (780× over engagement history tokens); RoPE encodes structural recency bias at the architecture level, not through training.

Hooglee

San Francisco, CA

User Experience Coordinator

11/2024 – 12/2025

First junior hire at ex-Google CEO's video AI startup; owned the full user experience function end-to-end, from research to model feedback, reporting to ex-TikTok Head of Product from founding to Series A.

- Owned UX and Eval: recruited, designed and conducted 200 structured interviews to map where generation quality broke for real users, then formalized those patterns into SFT datasets, edge-case taxonomies, and preference annotations that fed directly into the AI team's post-training cycles.
- Led 5 product interns to present feature requests and UX quantitative and qualitative findings on weekly all hands
- Built 5+ batch evaluation datasets with I/O schemas and ground-truth labeling protocols for multimodal generation quality; established the testing infrastructure used across all AI creation tools.
- Owned Search and Discovery: authored PRD, integrated Gemini 2.5 Pro with ASR metadata indexing and vector retrieval, and shipped with 2 engineers at <200ms query latency.
- Won internal hackathon with User Profile Pipeline: agentic system ingesting multi-source behavioral data (Gmail, Calendar, Photos via OAuth) via LLM function-calling; adopted as the production recommendation engine.

UC Berkeley College of Engineering

Berkeley, CA

Head Teaching Assistant

01/2024 – 05/2025

- Mentored 500+ students in **Berkeley Method of Entrepreneurship (ENGIN 183B)**; organized the first **Global Student Startup Competition** in Korea, mentoring the champion team.
- Directed analysis of 300+ startups across AI, blockchain, and healthcare; co-produced eBook on **Future of Technology (ENGIN 283)**.

OTHER

Awards: International STEM Mathematics Olympiad 2021: Top 10 Global Ranking (top 0.1%)

Interests: Travelling (20+ countries); Figure Skating (Cal FS team); Artistic Swimming (National Champion 2015)