

Henry Weng

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EDUCATION

Stanford University

B.S., Computer Science & Economics

- **GPA:** 4.08/4.0
- **Coursework:** NLP with Deep Learning, Interactive & Embodied Learning, Machine Learning, Artificial Intelligence, Reinforcement Learning, Entrepreneurial Marketing, Economic Analysis, Operating Systems, Data Structures

WORK EXPERIENCE

Co-founder, Product Manager & Engineer

Oct 2022 - Sep 2023

Hazel (PearX W23)

Menlo Park, CA

- Led the 0-to-1 journey for an AI-powered workflow for real estate agents as a part of Pear VC's accelerator: conducted 200+ user interviews, wrote 40K+ lines of code, and made two hires
- Implemented early sales and customer discovery pipeline, closing over \$250K ARR in letters of intent
- Designed fundraising strategy and presented at Pear VC's Demo Day, ultimately raising a \$X million seed round

Product Engineer Intern

Jun 2022 - Aug 2022

Dover (YC S19)

San Francisco, CA

- Owned advanced filtering/insights for the candidate application review page: defined vision, wrote PRD, and partners with PMs, designers, and eng to launch the product, resulting in 18% increase in MAU for the feature
- Championed and led development of an onsite interview scheduling tool, synced with Google Calendar
- Built API endpoints for data ingestion/enrichment of 100M candidate profiles using Django REST Framework

Co-founder, Advisor

Sep 2018 - Present

Youth Economics Initiative

Saratoga, CA

- Founded and led a global nonprofit organization that has seeded economics clubs in over 90 high schools
- Managed 80 remote staff across 8 teams to design 50 hours of club curriculum and activities, build a community of 4,000+ members, and organize EconBowl, the largest student-run economics competition in the world

Research Engineer Intern

Jun 2021 - Dec 2021

Stanford Future Data Systems Group

Stanford, CA

- Developed a RAPPOR-based differential privacy module for private user data aggregation on smart home devices
- Implemented a node-ranking algorithm with TypeScript to revamp tree rendering in the Karl UI web application

PROJECTS

Deep RL for VC Investment Decision Making | Python, OpenAI Gym

- Led team to implement PPO and DQN to train RL agents to make decisions on whether a VC should meet with or invest in a company in a simulated environment. Achieved 75% of the theoretical maximum performance

Polyjobs | Next.js, Tailwind CSS, Supabase, React.js

- Built a platform to match startups with their best-fit SWE candidates based on my market design final paper
- Scaled to 200+ candidates and \$50K+ in contingency contracts within two months of launch

Pairology | Next.js, Tailwind CSS, Firebase, React.js

- Built and scaled matchmaker for meaningful friendships to 1,000+ users and 3,000+ in-person meet ups
- Led product from ideation to launch: conducted 50+ user interviews, defined product vision, planned sprints, and executed a product marketing campaign across 6 universities. Met 3 of my closest friends through the product.

SKILLS

Hard skills: TypeScript, React, Next.js Python, LLMs, Machine learning, Data analysis, Figma, C++

Soft skills: Cross-functional communication, Project management, Leadership, Problem-solving, Self-reflection

AWARDS & HONORS

- US Computing Olympiad Gold
- Eagle Scout
- 3x Hackathon Winner
- US Physics Olympiad Semifinalist
- National Merit Scholar
- Pear Garage Fellow