Henry Weng

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EDUCATION

Stanford University   **Sep 2021 - Jun 2025**

Bachelor of Science, Computer Science & Economics

- **GPA:** 4.0+
- **Coursework (* = grad-level):** Machine Learning*, Artificial Intelligence*, Market Design*, Entrepreneurial Marketing*, Reinforcement Learning*, Data Structures & Algorithms, Operating Systems, Automata Theory

WORK EXPERIENCE

Product Manager, Co-founder   **Oct 2022 - Sep 2023**

Hazel (PearX W23)   *Menlo Park, CA*

- Built an AI-first workflow for realtors used by 3 of the top 50 realtors in California (part of Pear VC's accelerator)
- Led the company's 0-to-1 journey: 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 collaborated with PMs, designers, and eng to launch the product, resulting in 18% increase in MAU for the feature
- Led development of a fully customizable onsite interview scheduling tool, synced with Google Calendar
- Built API endpoints for data ingestion/enrichment of 100M candidate profiles using Django REST Framework

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

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 class project
- Scaled to 200+ candidates and $50K+ in contingency contracts within two months of launch

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

- Implemented 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

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 platform.

LEADERSHIP & ACTIVITIES

Build Session Director | Friends and Family Founders   **Jun 2022 - Sep 2023**

- Organize and lead weekly mini-hackathons for entrepreneurial engineers at Stanford

Garage Fellow | Pear VC   **Oct 2022 - Jun 2023**

- Hacking, learning, and building products in a community of the top 25 entrepreneurial engineers at Stanford

SKILLS

Technical: TypeScript, React, Python, Next.js, Node.js, JavaScript, C++, Java, Tailwind CSS, Figma
Non-technical: Product Management, User Interviews, Strategic Thinking, Communication, Competitive Analysis

AWARDS & HONORS

- US Computing Olympiad Gold
- US Physics Olympiad Semifinalist
- Eagle Scout