

HAOLEI ZHANG

Product Designer / Design Engineer

Phone: +1 857-498-0999
Email: haolei_zhang@mde.harvard.edu
Base: San Francisco, CA

Education Background

Harvard University Master in Design Engineering (SEAS + GSD)	2024-2026
Massachusetts Institute of Technology (MIT) Visiting Scholar, Program in Media Arts and Sciences	2025-2026
University of British Columbia Bachelor in Digital Media & Psychology, with distinction	2019-2024

Professional Experience

Co-Founder, Product Strategy & Design Engineering AxiomCode (AI Developer Tools Startup)	San Francisco, CA 04/2026-Present
- Built a graph-based code analysis platform for AI coding agents, enabling code-change impact analysis and deterministic security and reliability verification. - Led 0→1 product development across core engine R&D, product strategy, UX, developer workflows, and engineering integrations. - Worked with early B2B pilot partners to validate product needs, define use cases, and drive go-to-market and partnership development.	
Research Assistant, AI Product Lead MIT Media Lab, Critical Matter Group	Boston, MA 12/2024-07/2026
- Led 0→1 design and development of AI agents and interactive products, translating experimental human – AI research into real-world user experiences. - Built Gaze to the Stars, combining agentic AI, meditation, and interactive media; delivered 300+ live user interactions and received exposure through WBUR, MIT Artfinity Festival, and NeurIPS. - Built Amimi with Harvard University and psychotherapy practitioners, translating relationship-coaching workflows into an AI-powered mobile App now serving 400+ couples.	
Co-Founder, Product Strategy & Design Engineering Chriplink Marketing	Vancouver, Canada 09/2023-07/2025
- Led an e-commerce omnichannel marketing agency delivering digital transformation and AI-enabled solutions for 20+ local businesses annually. - Analyzed client products and services, defined growth strategies, and delivered end-to-end design, technical, and marketing solutions, enabling 20%+ average profit growth.	

- Awarded partnership funding from the Government of British Columbia in 2024; established partnership with 15+ organizations, including Meta, Google, TikTok, and BigCommerce.

Product Design Engineering Consultants

Vancouver, Canada

UBC Emerging Media Lab & Everyday Design Studio

12/2022-07/2024

- Developed and delivered an industry-ready generative AI workflow collaborating with OpenAI Creative Community, enabling AI-assisted creative pipelines that later evolved into what is now OpenAI Sora.
- Created *Turner Box*, an ML-driven, biodegradable device for urban bee observation and protection, deployed with the City of Vancouver.

Founding Product Engineer

Vancouver, Canada

Ginkgo Health Inc.

04/2022-10/2022

- Led the 0-to-1 design and development of an AI-powered health app *Gingo Active*, delivering personalized exercise guidance for adults 45+.
- Conducted user research and collaborated with kinesiology experts to define solutions; designed end-to-end UX, built prototypes, and partnered with ML engineers to bring models to production, supporting TestFlight MVP/Beta launch and validation.

Robotic Interaction Designer (Internship)

Beijing, China

JINGDONG Logistics - JD.com

05/2021-09/2021

- Designed human-robot interaction (HRI) systems for civilian logistics robots within JD Logistics X Lab.
- Defined an HRI framework adopted as a benchmark for JD's intelligent logistics robots; collaborated with core team members and reported directly to the GM.

Selected Recognition

-
- **NeurIPS 2026** — Paper Reviewer
 - **NeurIPS 2025** — 2 Publications
 - **ISEA 2026** — Publication & Exhibition
 - **Harvard President Innovation Challenge 2026** — Semifinalist (Amimi)
 - **MakeHarvard 2025** — Best Use of AI Award & Infosys Special Nominee
 - **MIT Artfinity Festival 2025** — Featured Exhibition (*Gaze to the Stars*)
 - **Patent Filed** — Vehicle-Mounted Road Rage Mitigation Device (2023)