



Product designer with 6+ years designing complex, data-dense interfaces for industrial robotics, healthcare AI and developer tools. End-to-end IC who takes deeply technical problems from discovery through shipped product. Seven patents in robotics and AI. Experience working AI into the design process as a true force multiplier, widening exploration and sharpening craft. Passionate about making genuinely hard systems feel intuitive.

EXPERIENCE

■ WoundEx

Lead Product Designer

Apr 2026 – Aug 2026

Lead Designer (Contract)

Mar 2025 – Nov 2025

Founding designer for an AI-powered platform that helps patients treat their own wounds and lets clinicians remotely monitor healing.

- Owned end-to-end design for the web app, taking it from prototype to launch.
- Designed a novel monitoring platform that decreased unnecessary calls and visits to clinicians by 70%, while improving patient satisfaction and health outcomes.
- Designed and launched the first marketing website, led a branding overhaul, and created the first design system.
- Acted as PM — tactically managing the dev team's output and running all agile ceremonies, using AI to synthesize engineering tickets into prioritized UX action items.
- Built an AI-augmented design workflow, treating AI as a working design partner: generating early concepts and wireframes in Figma and Claude Code, then refining them through hands-on design while using AI to explore component-level variations and pressure-test accessibility.
- Used an AI-augmented process to ship a new design system grounded in best practices and our brand guidelines.

■ Seegrid Robotics

Senior UX Designer

Sep 2022 – Feb 2026

UX Designer

Mar 2020 – Sep 2022

Sole designer for the software controlling Seegrid's autonomous mobile robot fleets — used daily to direct thousands of robots across hundreds of facilities at customers like Amazon, GM and UPS.

- Designed and shipped 7 production tools now used in the field, including Job Builder Pro and Fleet Central Map — reducing robot programming time by 100x (weeks to minutes) and enabling \$62M+ in new sales across the platform.
- Led discovery with hardware, backend and frontend engineers to architect a next-gen navigation platform, translating deep system complexity into an intuitive map-based UI.
- Ran field research across 8 industrial/logistics sites nationwide — including usability studies, focus groups and workshops — directly shaping our web platform.
- Co-authored 7 patents on fleet control and human-AI collaboration.

■ Tensorlake AI

Lead Designer (Contract)

Dec 2023 – Jul 2024

Led design of the website, design system, brand/logo, and product documentation for an AI dev tool that synthesizes data from documents and databases.

Earlier — design, research and human-factors roles at Harvard University, Georgia Tech, and the UVA & University of Pittsburgh Schools of Medicine (2010–2019).

PATENTS

Authored or co-authored 7 patents in autonomous-system control and human-AI collaboration.

Generation of “plain language” descriptions of automation logic. <i>Patent pending.</i>	US20240184269A1
Just-in-time destination and route planning. <i>+7 authors.</i>	W02024123734A1
System for process flow templating and duplication of tasks within material flow automation. <i>+5 authors.</i>	W02024123657A1
Systems and methods for material flow automation. <i>+7 authors.</i>	W02024123652A1
Visualization of physical-space robot queuing areas as non-work locations for robotic operations. <i>+2 authors. Patent pending.</i>	US20240184302A1
Process-centric user-configurable step framework for composing material flow automation. <i>+6 authors.</i>	W02024123654A1
Hybrid autonomous system and human integration system and method. <i>+7 authors.</i>	W02024123656A1

SKILLS

DESIGN	Product & interaction design · Design systems · Data visualization · Complex/enterprise UX · Web design · Prototyping · Responsive & mobile UI · UX writing
AI	Designing AI products · Human-AI interaction · Tools: Claude Code, Claude Design, Figma AI
RESEARCH	Usability studies · Field research · Customer interviews · A/B testing · Workshop facilitation
LEADERSHIP	Design strategy · Founding & scaling design teams · Hiring & mentoring designers
TOOLS	Figma · Miro · Jira/Confluence · Adobe CC · Fusion 360 · Blender

EDUCATION

Georgia Institute of Technology — M.S. Industrial Design (HCI track)	2016 — 2019
University of Virginia — B.S. Biology	2009 — 2012