

My work is imagining how people meet a new idea.

That usually means inventing the form, because a new form doesn't just deliver the thing, it changes it. Museum apps in 2011, on-demand audio and voice in 2020, conversational search in 2024. Each one obvious now, none of them obvious then. Right now I'm building spaces where the surface changes to fit what you asked for. That solves one problem and creates one we haven't solved yet.

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EXPERIENCE

2025 – Present

Staff Design Technologist — Intuit Foresight

0-to-1 prototyping in Intuit's R&D lab, validating ideas before full development commitment. Voice-driven UI, natural language interfaces, and dynamic interfaces generated by LLMs.

2019 – 2024

Senior Producer, Voice & AI — KQED

KQED's first senior producer for voice and AI, a role created through a Google News Initiative grant to embed technologists in newsrooms and made permanent when the grant ended. Led the AI Working Group of senior editors and leadership, wrote the newsroom's first AI guidelines, and shipped features under them.

Ask Forum Natural language search across three decades of Forum. Answers grounded in transcripts, with disclosure to the user when the system rewrote their query.

The Latest One of the first dynamically updating news podcasts. Still charting in Apple's US News category more than a year and a half after I left. 2025 Regional Murrow for Excellence in Innovation.

Voicebot Chronicles Interactive voice narrative about being understood by machines. 2020 Webby for Best Writing in Apps, Mobile and Voice; 2021 Regional Murrow; Online Journalism Award finalist.

2016 – 2019

Director, Digital Experience Lab — Exploratorium

Founded and led a lab building digital and physical installations with emerging technology. All work made in collaboration with Dina Herring. 850K in-person visitors, 13M online annually.

Augmented Ego Volumetric portrait installation where visitors worked out how the computer was seeing them by moving through spaces that rewarded stillness or speed.

Sound Rebound iOS app reinventing a floor exhibit as an open-ended playfield for composing with sound and motion. Cinekid MediaLab Award.

Social practice series Participatory installations for After Dark, 2016–2017, on online identity, credibility, and unsourced information.

2014 – 2016

Director, Creative Applications — Exploratorium

Led and built the creative team translating 50 years of physical exhibits into native iOS experiences. By 2019 the apps had nearly five million downloads across 151 countries.

2008 – 2014

Director, Online Engagement — Exploratorium

Creative director and lead strategist for the Exploratorium's website, over 50,000 pages, and all public-facing digital assets. Managed a web development team of 12 and set digital content strategy.

Uncovered Series Color Uncovered and Sound Uncovered, iPad apps using physical objects and the device's own sensors to make science tangible. #1 free educational iPad app and top 10 free overall, over 1M downloads. Jackson Hole Science Media Award, Best of the Web (Mobile), Silver MUSE.

1998 – 2008

Project Director; Sr. Multimedia Specialist — Exploratorium

One of the museum's first digital developers, translating exhibit concepts into online and physical interfaces. Later creative director on NSF-funded projects including Accidental Scientist: Music and Gardening, and Evidence: How Do We Know What We Know.

INDEPENDENT

Field. Privacy-first iOS field recorder. On-device sound ID, transcription, and acoustic analysis. No accounts, no servers. Shipping since 2026.

Drift Granular synthesizer and AUv3 plugin with a real-time audio engine and Metal shader visualizations.

Resona Audio Captures environmental sound and transforms it through filters with real-time particle visualization.

EDUCATION & RECOGNITION

MFA, Filmmaking — School of the Art Institute of Chicago

BA, Political Science — Tulane University · Mass Media Institute — Stanford University

5 AAM MUSE Awards (2 Gold)
3 Regional Murrow Awards
Webby Award, Best Writing
7 Webby honors and nominations

Jackson Hole Science Media Award
Best of the Web, Mobile, Museums and the Web
Cinekid Nieuwe Media Award
SXSW Interactive finalist