Justin Catalano

San Jose, California

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Portfolio: catalano.work

I am obsessed with making systems that make the human experience better. I have experience crafting human-centered AI/ML experiences for medical software. I combine user research, psychology, interaction design, technical constraints, and generative AI to create clear, usable systems and accelerate collaboration between design and engineering teams.

Work Experience

Leidos QTC | User Experience Designer **June 2025 - Now**

- *Promoted from User Experience Design Intern to User Experience Designer June 2026*
- Designed a military medical-readiness dashboard in collaboration with data scientists, synthesizing 18 data streams of millions of service members' health into actionable data.
- Led 20 User-Centered Design (UCD) sprints for a 0-to-1 augmented-search and generative-AI medical product, designing and prototyping UI/UX concepts across 12+ features to achieve SME alignment and engineering sign-off.
- Led 7 UCD sprints for a 0-to-1 generative-AI Medical Assistant, partnering with subject-matter experts and AI/ML teams to define product, data, and UX requirements across four prototype iterations.
- Established a code-connected prototyping workflow using Markdown, Vue.js, and TypeScript to improve design feasibility and reduce implementation friction.
- Created a 508 compliance skill used in developers agentic development process

Mocktalk | Founding Product Designer **Sep. 2023 - Sep. 2024**

- Served as sole product designer and researcher driving end-to-end UX strategy and UI design for Dashboard and AI Interview features.
- Collaborated with 5 engineers to evaluate, test, and iterate design solutions and token systems for technical feasibility, boosting team development productivity by 25%.

Academic Project | Allie AI Design Partner | UX Lead **March - May 2023**

- Architected generative AI UX and interaction patterns for a conceptual Adobe Illustrator assistant across 4 rapid UCD sprints, delivering 12 features driven by user research.

Education

San Jose State University, GPA: 3.9 **Dec 2026**

Masters of Science, Human Factors and Ergonomics, User Experience Concentration

San Jose State University, GPA: 3.7 **May 2024**

Bachelor of Arts in Design Studies, Graphic Design; Minor in Interaction Design & Human System Integration

Skills

Product Design, UX/UI Design, User-Centered Design, UX Research, Usability Testing, Interaction Design, Information Architecture, Wireframing, Prototyping, Data Visualization, Design Systems, Human-AI Interaction, Responsive Design, Visual Design, Figma, Git, Markdown, Vue.js, TypeScript, JSON