

Eragon Ma

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Experience

UX Designer, Contractor Jan '24 - Present UX Designer Co-op May '23 - Dec '23

Apollo GraphQL

UX Design Co-op Jan '22 - May '22

Tufts University & Fidelity Investments

Designer & Project Manager Sep '21 - Jun '22

Nuance Communications

Visual UX Design Intern May '21 - Aug '21

Tufts Human Factors Lab

UX Designer Jun '20 - May '22

Tufts Bray Lab

3D Design Intern May '20 - Aug '20

Tufts JumboCode

UX Designer Sep '18 - May '19

Worked as 1 of 3 designers in the entire company on redesigning BlueCat's multi-million dollar product Integrity. Conducted user studies with 15+ customers and analyzed 6+ hrs of footage to craft 400+ wireframes for the IP Space page. Redesigned 15+ and managed **30+** components in the Pelagos Design System and established usage guidelines. Led **10+** biweekly stand-ups with PMs and developers.

Owned Apollo Studio's accessibility audit. Identified 185+ violations using Axe DevTools and created 40+ Jira tickets. Collaborated with PMs and engineers and reduced violations by 85%. Customized a WCAG 2.0 compliant accessibility checklist. Initiated an accessibility Slack channel with 100+ members.

The ESG Analysis web app featured visualized automated ESG report processing, aiming to improve work efficiency by 70%. Collaborated with 3 student developers and Fidelity analysts. Designed 35+ Figma wireframes and conducted 3 usability tests. Managed milestones with Gantt charts and led 20+ sprint meetings over the year.

Owned UI audit for Nuance Mix, identifying 100+ design inconsistencies. Evaluated onboarding experiences for novice users through interviews and journey mapping. Crafted storyboards and proposed new onboarding flows for Namespace. Conceptualized Mix Bot, an on-screen assistant, projected to cut project creation time by 30%.

Collaborated with a 10-member team of designers, developers, mechanical engineers, and professors on researching and designing Sitting SideKick, a mobile app that utilizes AirPods' motion-sensing technology to improve posture and alleviate chronic back pain.

Improved the lab's operational efficiency with lab leaders and 8 interns during COVID-19. Designed and created 3D models with Inventor for multi-functional lab gadgets. 3Dprinted gadgets for use after testing. Managed and improved UI for its official website.

Designed BiSpot with PM and 10 developers, a web app sponsored by the Boston Bisexual Resource Center for locating resource centers and checking events across the US, promoting accessibility to resources for bisexual individuals.

Activities

Accessibility Interests Working Group

Proiect Coordinator

Sep '23 - Present

Human Factors & Ergonomics Society

Marketing Chair & Vice President Sep '20 - May '22

Tufts JumboCode

Head of Design Sep '19 - Jun '20 Led monthly round-table discussions for club members, centered on current industry trends in accessibility. Led the Quercus platform project, applying user study insights to develop guidelines for better course material organization.

Coordinated virtual portfolio reviews, Figma workshops, and design competitions with 10 eboard members. Independently created marketing materials using Figma and Adobe CC. Designed and organized the official website with 2 designers.

Created a unified document of marketing materials using Sketch. Drafted a design resource guide for 100+ programmers and novice designers. Organized design critiques to help 11 designers revise mock-ups for 7 projects.

Education

Master of Information

University of Toronto User Experience Design Expected Jun '24

Bachelor of Science

Tufts University **Human Factors Engineering** May '22

Course: UI Design, Accessibility Design, Service Design, UX Research in Video Games, Speculative Design, Information Architecture, Usability Assessment, Intellectual Property Award: Master of Information Welcome Award

Course: Human Factors Product Design, Experience Design, User Research Methods, Game Design, Psychology, Virtual Reality, Entrepreneurship Award: Summa Cum Laude, Dean's List

Skills

Figma, Miro, Sketch, Adobe CC, Framer, InVision, Jira, Gong, HTML5/CSS3 (entry), JavaScript (entry), Unity (entry)

Design system, Accessibility design, Interaction design, Visual design, Information architecture, Industrial Design, Prototyping & animation, Branding, Game design

Journey mapping, User interviews, Heuristic evaluation, A/B testing, Usability testing, Competitive analysis, Game user research