

Mia Vassilovski

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EDUCATION

Tufts University

Bachelor of Science in Engineering Psychology/Human Factors Engineering

Medford, MA

Expected May 2027

GPA: 3.94/4.0

Relevant Coursework: Artificial Intelligence, Computer Interface Design, Entrepreneurship & Bus Planning, Tech & Managerial Communication, 3D Modeling, Web Programming

Study Abroad: CIEE Communications, New Media & Journalism Program Seville, Spain (Fall 2025) | DIS Copenhagen, Denmark (Spring 2026)

RELEVANT EXPERIENCE

Introduction to Computer Science, Tufts University

Medford, MA

Teaching Assistant

Jan 2024 - Present

- Guide and support students from a class size of 500 through C++ code writing, debugging and syntax during labs and office hours to foster a deeper understanding of programming
- Review assignments and homework projects, utilizing a rubric to complete the grading process while providing constructive feedback
- Lead weekly labs, clarifying important themes and topics and assisting students through assignments and questions

The IDEA Lab, Tufts University

Medford, MA

Co-Director

May 2026 - Present

- Lead and direct seven undergraduate research teams across human factors engineering and design-focused projects
- Oversee and coordinate lab operations, strategic planning, and school-wide initiatives to support interdisciplinary research and collaboration
- Manage digital outreach through the lab website and social media platforms to increase visibility, engagement, and recruitment

Human Factors Engineering Researcher

Jan 2024 - May 2026

- Researcher on the Design Evolution project, building an ML-powered evolutionary design platform that uses iterative user selection to generate product concepts converging on a user's imagined design
- Conduct competitive analysis, user research, UI/UX design, wireframing, and low-fidelity prototyping in Figma to validate workflows and usability for designers
- Collaborate across human factors engineering and computer science teams to integrate front-end design, back-end systems, CAD modeling, and ML pipelines, driving usability-focused product iterations and design documentation

Neoclease

San Diego, CA (Hybrid)

Marketing Technologist Intern

Summer 2026

- Conducted UX research on an existing biotech web platform to identify usability gaps and opportunities for improvement
- Designed and developed new internal and public web pages to make complex scientific data (including gene sequences and bioinformatics outputs) more accessible and intuitive for target users
- Collaborated with an interdisciplinary team of biologists and computational researchers to translate technical content into clear, user-centered interfaces
- Iterated on designs based on user research insights to improve how complex biological data is presented and understood

VOLUNTEER & EXTRACURRICULAR EXPERIENCE

Alpha Tau Omega (ATO) of Massachusetts

Medford, MA

Member

Jan 2025 - Present

- Organize philanthropy, community service, and professional development events with chapter members

SKILLS & INTERESTS

Computer: Microsoft Suite, Google Suite, C++, Web Programming, Figma, UI/UX Design

Languages: Spanish (Advanced), American Sign Language (Conversational)

Interests: languages, travel, sports, arts