

Christine Xu

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

B.S. in Mechanical Engineering; Product Design & Development | GPA: 4.85/5.0

May 2026

Relevant Coursework: Toy Product Design, Design and Manufacturing I & II, Product Engineering Process, Product Design & Development, Mechanics and Materials, Dynamics and Control, Thermal-Fluids Engineering, Electronics for Mechanical Systems, Measurement & Instrumentation, How to Design, Design: Objects & Interaction, Physics I & II, Calculus I & II, Microeconomics

WORK EXPERIENCE

Cubimals (Toy)

New York, NY

Inventor & Co-Founder

August 2024 - Present

- Leading end-to-end development of a modular consumer product from concept through manufacturing readiness.
- Reduced part count 67% (39 → 13) by redesigning the product architecture and connection system for mass manufacture.
- Conducted 50+ user tests to refine product design, packaging, and play experience across three iterations.
- Secured \$10K in non-dilutive funding and presented at NY Toy Fair Inventor Day 2026 as 1 of 12 selected inventor teams.

Cofab Design

Holyoke, MA

Mechanical Design Consulting Intern

June 2025 - August 2025

- Supported 4 product programs, taking two products from concept to functional prototype in under 9 weeks.
- Designed plastic parts and mechanisms in SolidWorks under manufacturability and safety constraints for production.
- Managed BOMs with 200+ components, keeping procurement on schedule and prototype costs on target.

Jazwares, LLC.

Fort Lauderdale, FL

Product Development Intern

June 2024 - August 2024

- Managed development of 525+ consumer product SKUs using PLM tools to deliver products on cost, on-spec, on-time.
- Coordinated prototype and production samples with Asia factories to communicate design feedback & resolve issues quickly.
- Led weekly product reviews with Product Development, Design, & Brand to improve quality and manufacturability.
- Pitched an original licensing concept to C-Suite and EVP of Product Development; the concept is now in development.

MIT CAD Lab

Cambridge, MA

Lead Product Designer

April 2025 - May 2026

- Designed a weatherproof, temp-stable animal shelter in Fusion 360 from concept to prototype on a \$50 target budget.
- Built and tested 5 laser-cut prototypes, incorporating feedback from 570 users to improve usability.

MIT Media Lab, Fluid Interfaces Group

Cambridge, MA

Design Research Assistant

February 2024 - May 2024

- Designed enclosure in SolidWorks for wearable AI memory aid for seniors; fabricated prototypes using FDM 3D printing.
- Conducted 15 in-home user studies to test hands-free usability and co-authored an IUI 2025 paper on wearable AI.

LEADERSHIP & EXTRACURRICULARS

MIT Capital Partners (MIT Cap)

Cambridge, MA

President

April 2023 - May 2026

- Led a 30-member organization, driving operations, partnerships, and programming to cultivate MIT's founder ecosystem.
- Raised \$15K+ from top firms and startups to host founder events, workshops, and pitch competitions with Harvard.

MIT Varsity Fencing Team

Cambridge, MA

Starter & Squad Leader

September 2022 - May 2024

- Competed at varsity level while balancing rigorous course load and fostering a committed, inclusive environment.

Gens Connect

New York, NY

Founder and President

March 2020 - May 2024

- Founded and scaled a nonprofit helping socially isolated older adults, recruiting and managing 125+ volunteers nationwide.

TECHNICAL SKILLS

Tools: SolidWorks, Fusion 360, Adobe Illustrator, PLM Tools, FDM 3D Printing, Laser Cutting, Injection Molding, Prototyping

Product Development: Consumer Product Design, DFM/DFA, BOM Management, Cost Optimization, User & Market Research