

Max Shen

San Francisco Bay Area

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HIGHLIGHTS

Patent Inventor IDEO Play Design Exploratorium Exhibits MIT Experience Design
Workshop Instruction for Stanford d.school Founder of stria.org Strong Creative Design Background

SKILLS

Production: Solidworks, Fusion360, Eagle, Photoshop, Illustrator, Procreate, Fabrication, Rapid Prototyping
Design: Creative Ideation, Storytelling, Visual and Verbal Communication, Self-Direction, Team Collaboration

PROJECTS

Custom Animatronics Theater Experience Redesign Technical Fabrications Interactive Science Exhibits

RELEVANT EXPERIENCE

Play Lab Design Intern (June 2024 – August 2024)

IDEO, San Francisco, CA

- Worked as a core designer to reimagine play, capturing the excitement of opening and discovering new toys without the plastic waste and quick discard, partnered with major toy industry players
- Worked as lead designer to create a reloadable medicine injection system for a major global NGO

Undergraduate Researcher (June 2022 – June 2024)

STANFORD BIOLOGY, Stanford, CA

- Assisted in creating a first-of-its-kind 12-tank experimental deepsea simulation system, controlled by a central unit capable of independently manipulating pH, oxygen, and temperature (NSF award 2108566)

Founder and Lead (August 2017 – July 2022)

STRIA LABS, INC, Burlingame, CA

- Led an interdisciplinary team of over 20, inventing blind accessibility technology based on robust research
- Spent hundreds of hours working directly with users and was integral to design of over a dozen prototypes
- Responsible for corporate partnerships, navigated certifications, secured US Patent No. 10,639,228

Technical Designer (November 2020 – June 2021)

MAKESAFE TOOLS, San Diego, CA

- Designed, fabricated, and installed custom circuit boards and complex power control systems on machines

Exhibits Design Intern (August 2019 – March 2020)

THE EXPLORATORIUM, San Francisco, CA

- Conceived of and fabricated exhibits, immersing and engaging the museum's millions of annual guests

Design Intern (May 2019 – August 2019)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Boston, MA

- Worked at the MIT Edgerton Center to design engaging optical experiences for Global Teaching Labs

Concept Design Intern (June 2017 – September 2017)

ALISTO ENGINEERING GROUP, Walnut Creek, CA

- Worked with a senior program manager to create a full proposal for an innovative themed dining venue
- Created technical floor plans, budget estimates, location plans, FF&E, concept art, design schedule, etc.

EDUCATION

Stanford University - B.A. Physical Design, B.S. Marine Biology (September 2021 - June 2025 [expected])

AWARDS

US Patent No. 10,639,228

SXSW EDU Student Startup Competition Winner

Jacobsen Institute Inventor's Challenge Winner

Joey Kovacevich Social Innovation Fellowship

AT&T Design Challenge Winner

General Motors Ashoka Changemaker Award

Runner-Up Project Paradigm Winner