

Max Shen

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HIGHLIGHTS

Patent Inventor Animatronic Passion Projects Exploratorium Exhibits Design MIT Experience Design
Design Instruction for Stanford D.School Founder at Stria Labs, Inc. Fabrication and Technical Design

EDUCATION

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

RELEVANT EXPERIENCE

Design Intern (*June 2024 – Present*)

IDEO, San Francisco, CA

- Responsible for user research and experience design associated with major toy industry players
- Focused on leveraging design to make sustainable play more appealing and engaging

Undergraduate Researcher (*June 2022 – June 2024*)

STANFORD BIOLOGY, Stanford, CA

- Assisted in creating a 12-tank experimental deep sea simulation system (NSF award 2108566)
- Designed and am conducting experiments investigating metabolic pathways of coral bleaching

Founder and Lead (*August 2017 – July 2022*)

STRIA LABS, INC, Burlingame, CA

- Was responsible for user research and design revision, inventor of US Patent No. 10,639,228
- Led a team of more than 20, inventing blind accessibility technology based on robust research

Exhibits Design Intern (*August 2019 – March 2020*)

THE EXPLORATORIUM, San Francisco, CA

- Conceived of, designed, and fabricated new exhibits, currently on show floor

Design Intern (*May 2019 – August 2019*)

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Boston, MA

- Worked at the MIT Edgerton Center to design equipment for MISTI Global Teaching Labs
- Focused on optics, designing tools that can be used instead of expensive lab equipment

Concept Design Intern (*June 2017 – September 2017*)

ALISTO ENGINEERING GROUP, Walnut Creek, CA

- Worked with a senior program manager to propose a "Blue Sky" Architectural Design Project
- Created floor plans, budget estimates, location plans, FF&E, concept art, design schedule, etc.

PROJECTS

Custom Animatronics Theater Experience Redesign Exploratorium Exhibits Animal Enrichment Habitats

SKILLS

Production: Solidworks, Fusion360, Eagle, Photoshop, Illustrator, Procreate, Fabrication, Rapid Prototyping

Design: Creative Ideation, Storytelling, Visual and Verbal Communication, Self Direction, Team Collaboration

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

GM Ashoka Changemaker Competition Award

Runner-Up Project Paradigm Winner