

Max Shen

maxshen55@gmail.com

maxcshen.com

linkedin.com/in/maxshen

EDUCATION

Stanford University (Class of 2025) - B.S. Candidate Design, B.S. Candidate Biology

WORK EXPERIENCE

Undergraduate Researcher (*June 2022 – Present*)

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*

- Led a team of more than 20, inventing blind accessibility technology based on robust research

Technical Designer (*November 2020 – June 2021*)

MAKESAFE TOOLS, *San Diego, CA*

- Designed and fabricated a custom 93-component high voltage power monitoring PCB
- Designed and installed custom complex power control systems and control panels

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

THE EXPLORATORIUM, *San Francisco, CA*

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

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.

SKILLS

Digital Design: CAD/3D Modelling(Solidworks, Fusion360, Eagle), Digital Art(Photoshop, Illustrator, Procreate)

Fabrication: CNC Machining, Woodwork, Rapid Prototyping, Microcontrollers, PCB Design/Assembly

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