

OWEN ROHM

EDUCATION

Georgia Institute of Technology | 2018-2022

- Bachelor's of Science in Industrial Design (highest honors)
- Dean's List 2018-2022

WORK EXPERIENCE

Project Manager | Max Craft Renovations | 2023-2024

- Coordinated with other employees to ensure jobs run smoothly
- Placed materials orders
- Photographed projects and prepared pictures for use online
- Maintained website and social media accounts
- Took survey and take-off measurements for the creation of 3D models

Designer | Freaky Lamps LLC | 2021

- Assisted in design and manufacture of custom lighting
- Established and maintained workshop space in south Atlanta
- Wired, painted, and assembled over 50 lighting pieces

PROJECTS

Playhedra | 2022

- Georgia Tech capstone project to design parametric file to generate easily printable 3D models for mathematical education
- Traveled to schools around Atlanta to test prototypes and lead classes with 30 fifth and sixth grade students
- Worked with local experts and educators to refine concept and design
- Awarded Best Prototype from the School of Industrial Design and featured at the 2022 Bridges Art and Math conference in Helsinki

TC-000a | 2024

- Parametric tensegrity chair designed for fabrication from plywood sheet
- Modeled in Fusion 360 to produce laser cut templates which were then used with a jigsaw and router table to create the final piece
- Donated to the Atlanta Furniture Bank's "Chairish the Future" charity auction, whose proceeds benefit the Atlanta community

Tentacle Head | 2021

- Created mechanical headpiece from laser-cut acrylic, cardboard, paper, and string using Adobe Illustrator
- Programmed Arduino Uno to use input from photoresistors to control motor driven tentacles
- Two week fast paced turnaround time for final prototype

LEADERSHIP

Head of Advertising, Georgia Tech Musician's Network | 2019-2022

- Oversaw a devout team of 5 advertising officers
- Designed posters, flyers, social media posts, and marketing campaigns
- Worked with other club leadership to interface with University administration and Student Government to advocate for needs of club and for importance of arts clubs on campus
- Established and grew online community to over 500 members

CONTACT

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SKILLS

Software

Adobe Photoshop
Adobe Illustrator
Adobe Premiere Pro
Adobe InDesign
Fusion 360
Blender
Ultimaker CURA
Meshmixer
FiberWorks
Arduino
Processing
Python

Technical

Woodworking
Basic Electronics
Sketching
Laser Cutting
Screen Printing
3D Printing
Parametric Design
Rapid Ideation
Concept Refinement
Physical Prototyping
User Interviews
Design Research

Soft

Teamwork
Communication
Organization
Coordination
Project Management

INTERESTS

Environmentalism
Kinetic Sculpture
Printmaking
Permaculture
Creative Code
3D Modeling
Marine Life