

MARY STEC

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EDUCATION

2021-2025

Bachelors of Fine Arts in Industrial Design

Rhode Island School of Design

WORK HISTORY

1 **Picture Collections Assistant | Visual + Material Resource Center | Fleet Library at RISD | October 2022 - May 2025**

- Organized and digitized visual assets to improve accessibility and support design research.
- Applied systems thinking to streamline material tracking and archiving processes.
- Communicated with students and faculty to understand their research and design needs.
- Maintained and improved visual database systems, ensuring usability and clarity.
- Delivered face-to-face service in a professional and design-centered academic environment.

2 **Monitor | Industrial Design Woodshop at RISD | January 2025 - May 2025**

- Guided peers in safe and effective use of woodworking tools and fabrication processes.
- Advised on materials, construction methods, and prototyping strategies aligned with design intent.
- Troubleshoot fabrication issues, helping students translate concepts into functional prototypes.
- Contributed to the design learning environment by reinforcing iterative making and precision.
- Maintained an organized and clean shop space to support collaborative project development.

3 **Teaching Assistant | Rhode Island School Of Design | July 2023 - May 2024**

- Collaborated with professors to plan lessons integrating design theory and hands-on skills.
- Provided individualized guidance on design processes, critique, and execution.
- Supported students in developing user-centered design solutions.
- Facilitated group critiques and brainstorming sessions to foster creativity

SKILLS

Design & Research

- Design Thinking
- Human-Centered Design
- Regenerative Design
- Biomimicry-Design
- User-Centered Research
- Concept Drafting & Ideation
- Orthographic Drawing

Prototyping & Fabrication

- Woodworking
- Laser Cutting
- 3D Printing & Digital Fabrication
- Plaster Mold Making
- Slip Casting (Ceramic)

Digital Tools & Software

- SolidWorks
- Rhino + Grasshopper
- KeyShot
- Adobe Creative Suite: (Photoshop, Illustrator, InDesign, Premiere Pro)
- Cargo Collective
- Microsoft Office Suite
- Google Workspace

RELEVANT COURSWORK

2023 RISD x Hyundai Research Collaborative |

-Biomimicry and regenerative design research with Hyundai Motor Group.

Manufacturing Techniques

-Studied materials and production methods through hands-on research and real-world manufacturing case studies.