

# Margo Lyman

## Industrial Designer

margolyman.com  
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### Work Experience

#### Georgia Tech / Research Assistant

JAN 2024 - PRESENT, ATLANTA

Currently, I am a member of a team developing innovations in plastic bag recycling methods, and implementing new design uses for recycled materials. I utilize hands-on recycling methods including heat forming and sewing. My smart product designs integrate electronic components into the projects using hardware and software, focusing on product safety and usability. As part of my materials research, I create working prototypes and develop opportunities for use of the recycled material. I collaborate closely with my team members and research professor.

As a designer, I am deeply committed to exploring innovative approaches for recycling plastic, with a goal of creating new, useful products that reduce environmental waste and promote sustainability.

### Personal Experience

#### Personal / Garmentmaker

AUG 2018 - PRESENT, ATLANTA

I take commissions for unique garments and I also have a small alterations business. This work is very rewarding for me because I not only get to practice the hobby I love but I also get to share joy with my clients as our visions collide to create beautiful custom garments and fashion.

#### Personal / Printmaker

AUG 2018 - PRESENT, ATLANTA

I practice screen and etching, printing practices. I make posters for local events and concerts. All of the prints I made are my original art.

### Education

#### Georgia Tech / BS ID

AUG 2019 - MAY 2024, ATLANTA

Projects practiced through product design principles involving, development of prototypes and material exploration with a focus on sustainability, accessibility, social impact, and smart product.

#### UNSW Sydney / Study Abroad

JAN 2023 - MAY 2023, SYDNEY

Furthered my practices with experience in the polymers science, textiles and printmaking facilities.

### Skills

**Design:** Illustration • Concept sketches • Wire frames & mockups • Adobe creative suite • Video editing • Pattern • Prototyping • Visual design • Solidworks • Fusion 360 • After Effects • Key Shot • Arduino

**Prototyping:** Soft goods • Textiles • Woodwork • Clay • Foam • Laser cutting • 3D print • Vacuum forming • Injection molding • Model making • Printmaking • Sculpture • Sewing • Rapid prototyping

**Research:** Storyboarding • Persona • Testing & experiment • Interview • Usability testing • Comparative analysis

**Collaboration:** Self starter • Flexible • Communicative • Organization