

Myles Staples

SUMMARY

Industrial designer and program leader leveraging sustainable design principles, adult learning methodologies, and technical training development to drive community engagement and regenerative innovation. Experienced in delivering high-impact learning experiences, managing multi-stakeholder initiatives, and optimizing operational workflows across physical and digital environments.

EXPERIENCE

Patagonia - Trainer - Repairs

Reno, NV • 12/2024 - Current

- Lead 20 repair technicians through daily troubleshooting and develop comprehensive SOPs to standardize repair workflows and support consistent quality across teams
- Design, optimize, and deliver onboarding and continuous learning programs using interactive instructional methods and adult learning principles
- Analyze participant feedback and performance metrics to strengthen training quality, learning retention, and operational efficiency
- Collaborate with Advanced Concepts and global teams to engineer preseason repair solutions and integrate cross-functional feedback into curriculum delivery

Patagonia - Design Engineer of Advanced Concepts

Ventura, California • 03/2026 - 07/2026

- Supported sustainable design work by using advanced manufacturing methods to help improve products and lower environmental impact
- Reviewed product designs for manufacturability and performance, helping guide cost-effective production decisions
- Analyzed market research, customer feedback, and material trend analysis to support design choices that improved functionality and user satisfaction
- Collaborated with inline designers and pattern engineers to check heritage product redesigns and improve accuracy through rapid prototyping

CONTACT

stapleslby@gmail.com

847-848-4891

Reno, NV 89503

[Portfolio Link](#)

SKILLS

- **Program & Community:**
Adult Learning / Instructional Design, Project Management, Community Engagement, Multi-Stakeholder Coordination, Event & Workshop Delivery, Program Evaluation & Metrics
- **Technical & Design:**
Sustainable Design, Circular Economy, Advanced Prototyping, CAD Design, 3D Modeling (SLA/FDM), Material & Life Cycle Evaluation, Technical Training & SOP Development
- **Tools & Operations:** Trello, Google Workspace, Microsoft Office, Zoom, Salesforce, D365, PLM software, SLA 3D Printers, Laser Cutters, Sewing Machines

Patagonia - Outdoor Gear Repairs Specialist

Reno, NV • 11/2023 - 12/2024

- Outperformed targets by 100%+, executing 50+ technical gear repairs weekly, utilizing specialized textile restoration and waterproof taping
- Coordinated with cross-functional partners, local community groups, and internal teams to execute sustainability initiatives and public-facing educational displays
- Identified pre-release quality control issues through detailed technical analysis to elevate product durability and inform future product iterations

Lemonbrat - 3D Designer & Manufacturing Lead

Chicago, USA • 08/2020 - 08/2023

- Designed and fabricated 500+ custom projects end-to-end, executing initial 3D CAD modeling, manufacturing, precise pattern drafting, and final garment tailoring.
- Built manufacturing infrastructure, developed library of 100+ CAD parts and organizing inventory of 100+ silicone molds
- Led facility operations by implementing safety protocols and training staff on laser cutters, SLA 3D printers, and manufacturing processes
- Shaped brand media campaigns by directing product photography, social media content, and live streams for product launches

PROJECTS

- **User Experience Researcher** - Tenant, 2018
- **Biomimicry Safety Equipment Design** - Iowa State, 2018
- **Architectural Design Charrette Participant** - Iowa State, 2019
- **Sustainable Medical Design** - U of Massey Wellington, NZ, 2019
- **Sustainability Deep Dive Conference Attendee** - IDSA, 06/2020
- **Repairability Design Sprint** - Patagonia, 2026

VOLUNTEER COMMUNITY ENGAGEMENT

- XiLin Northwest Chinese School: Teaching Assistant, 01/2012 - 12/2015
- Salt Shed Chicago: Waste Diversion Expert, 3/2023 - 8/2023
- Reno Food Systems: Farmhand, 11/2023 - present
- Of the Sol: BIPOC Artist Collective 2/2024 - present

EDUCATION AND TRAINING

Bachelor of Industrial Design:

Minor in Sustainability

Iowa State University

Ames, IA

Study abroad

Massey University

Wellington, NZ

LANGUAGES

- English
- Chinese (Mandarin)

