

ERICA CHAPMAN

Designer and Researcher

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Ericachapmandesign.com

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EDUCATION

Rhode Island School of Design

Providence, Rhode Island

Masters of Industrial Design

2023-2025

California College of the Arts

San Francisco, California

Studied in Masters of Industrial Design

2020-2021

Parsons, The New School

New York, New York

M.A. Fashion Studies

2015-2017

CSU, Los Angeles

Los Angeles, California

B.A. Fashion Merchandising

2010-2015

CERTIFICATES

Solidworks:

Associate-Mechanical Design-2021

SOFTWARE

Adobe Suite

Microsoft Office Suite

Rhino

Solidworks

Keyshot

Arduino

Reaper

CLO3D

Touch Designer

SKILLS

Biomaterials and Biosystems Research

Specialize in building and designing with living organisms and systems

Research and Development

3D Printing and Prototyping

Creative Problem Solving

Physical Computing

Critical Thinking and Analysis

Knowledge and practice in Sustainable Design

Chemical Safety and Handling

Collaboration and Interdisciplinary Communication

Weaving

Knitting

Project Management

EXPERIENCE

Rhode Island School of Design Museum Textile Conservation Graduate Assistant

Providence, Rhode Island | September 2024-Present

- Assisting with the cleaning, repair, and stabilization of textile artifacts
- Assisting with condition assessments and creating reports
- Preparing textiles for exhibition, including assisting with installation and deinstallation

MIT Beaver Works Summer Institute

Teacher Assistant- E-Textiles

Cambridge, Massachusetts | June 2024-Aug 2024

- Assisted the lead instructor in delivering the E-Textiles and Wearable Technology course in partnership with the Advanced Functional Fabrics of America Institute (AFFOA).
- Supported hands-on demonstrations and guided students through the prototyping of textile-based wearable technology projects.
- Provided one-on-one mentorship to students in the design and creation of wearable technology, ensuring successful project outcomes.

Advanced Bio Design Graduate Research Assistant to Professor Peter Yeadon/ Yeadon Space Agency

Providence, Rhode Island | Sep 2023 - Present

- Contributing to advanced research in biomaterials and biosystems, focusing on bio-enabled and living systems.
- Assisting in designing and conducting experiments, applying problem-solving skills to address failures and improve outcomes.
- Documenting findings and images using Scanning Electron Microscopy.

Silklab, Tufts University

Designer and Visiting Scientist

Tufts University, Medford, Massachusetts | Jun 2023 - March 2024

- Conducting research on living organisms, examining their behaviors and potential applications in empathetic design and product development.
- Gaining practical knowledge in chemistry, emphasizing safe handling and disposal of chemicals, relevant to lab environments.
- Collaborating with PhD students and assisting in experiments.

ASICS

Product Development Intern

Boston, Massachusetts | Jun 2023 - Aug 2023

- Developed 'Harmony', integrating heat technology into product design.
- Conducted market research, aligning product development with industry trends.
- Demonstrated skills in creative concept execution and prototyping.

Nike Inc.

Production Coordinator

Los Angeles, California | Jan 2019 - Jan 2020

- Managed production processes, ensuring adherence to timelines and quality standards.
- Resolved production issues, demonstrating strong problem-solving capabilities