

Fatemeh (Saharnaz) Hadavandkhani

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Education

University of Colorado Boulder - ATLAS Institute, Boulder, Colorado

M.S. in Creative Technology and Design

Aug 2024 - Present

Art University of Tehran, Tehran, Iran

M.S. in Art Research

Sep 2021 - July 2023

University of Tehran, Tehran, Iran

B.Sc. in Food Machinery (Mechanical) Engineering

Sep 2014 - July 2019

Projects

Master Thesis: Art University of Tehran,

June 2023

Study of Women's Role in Protest Movements by Reviewing the Visual Arts in Iran During the Qajar and Pahlavi Dynasties

Designing a Game for Kids with Visual Disabilities (TACT)

CU Boulder ATLAS Department,

Fall 2024

User Interface and User Experience Designing of a Leisure Planning App (Memento)

CU Boulder ATLAS Department,

Spring 2025

User Experience Research on Spotify

CU Boulder ATLAS Department,

Spring 2025

Designing a Robotic Lawn Mower

CU Boulder ATLAS Department,

Spring 2025

Selected Coursework

Graduate Courses:

Design Methods, Research Methods, Comparative Studies, User Experience Design, Creative Technologies, User Experience Research

Engineering:

Calculus I, Calculus II, Differential Equations (ODE, PDE), Engineering Drawing and Design, Statics, Strength of Materials, Material Sciences, Machine Elements Design

Workshops

Art:

Design, Painting, Advanced Ceramic Art (Pottery and Glaze), Sculpture, Carpet/Rug Making, Visual Arts Fundamentals, Art History

Engineering:

CATIA, AutoCAD, Welding, Machine Tools, Lathe Machine, Soldering, Prototyping, Wireframing, 3D Printing, Laser Cutting

Work Experience

CU Boulder, School of Art

Oct 2024 – Present

Lab Assistant (Digital Fabrication Lab)

– Laser Cutting, 3D Printing, Vinyl Cutting, and Resin 3D Printing Operator

Radiacar Co.

Jan 2021 – July 2023

Digital Marketing Associate – Managed product photography, social media presence, and directed customers to the sales team to expand the consumer base.

Computer Skills

Python, Figma, Arduino, Rhino, Miro, Illustrator, Excel

Honors

- Ranked 1st in the M.Sc. in Art Research Program at the Art University of Tehran, 2023
- Top 2% in the National University Entrance Exam for Undergraduate Studies, 2014