

Fatemeh (Saharnaz) Hadavandkhani

Saharnaz.hadavandkhani@colorado.edu Phone: (720) 978-5840

Education

University of Colorado Boulder - ATLAS Institute , Boulder, Colorado <i>M.S. in Creative Technology and Design</i>	Aug 2024 - Present
Art University of Tehran , Tehran, Iran <i>M.S. in Art Research</i>	Sep 2021 - July 2023
University of Tehran , Tehran, Iran <i>B.Sc. in Food Machinery (Mechanical) Engineering</i>	Sep 2014 - July 2019

Projects

Master Thesis: Art University of Tehran, <i>Study of Women's Role in Protest Movements by Reviewing the Visual Arts in Iran During the Qajar and Pahlavi Dynasties</i>	June 2023
Designing a Game for Kids with Visual Disabilities (TACT) <i>CU Boulder ATLAS Department,</i>	Fall 2024
User Interface and User Experience Designing of a Leisure Planning App (Memento) <i>CU Boulder ATLAS Department,</i>	Spring 2025
User Experience Research on Spotify <i>CU Boulder ATLAS Department,</i>	Spring 2025
Designing a Robotic Lawn Mower <i>CU Boulder ATLAS Department,</i>	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