

Jack Martinez

Industrial Designer

[Portfolio](#) | [LinkedIn](#)
jamchef81@gmail.com

Education

Master of Industrial Design

Rhode Island School of Design

Grad Student Representative

Providence, RI

Jan. 2023-May 2025

Relevant Coursework:

Graduate Industrial Design Studios, Graduate Industrial Design Studios, Design for Impact and Innovation Studio, Experience of Public Engagement in Design, Creating Business Value from Your Design

B.S. Mechanical Engineering

B.A. Spanish Linguistics

NC State University

Raleigh, NC

Aug. 2018-Dec 2022

Honors Program, Dean's List (2018-2022)

Relevant Coursework

Design of Mechatronic Systems, Mechanical Engineering Capstone Design, Modern Manufacturing Processes, Product Design

Skills & Experience

Technical Skills

- Soft Goods & Sewing
- Woodworking
- Ceramics
- Foam Modeling, Laser Cutting, 3D Printing
- Handworking metal, Machining
- Leathercraft, Book Binding
- Biomaterials

Soft Skills

- Advanced Spanish Fluency
- Critical Thinking
- Attention to Social Context
- High Emotional Intelligence

Software and Programming

- Statistical Analysis
- SolidWorks, Fusion 360, Drafting
- Adobe Photoshop, Illustrator, Procreate
- MATLAB, HTML, CSS
- Arduino

Professional Experience

Founder & Lead Designer

Wild Persimmon Studio, LLC, Raleigh, NC

June 2025 - Present

- Founded an independent industrial design consulting studio specializing in soft goods, white-label product design, and community-driven design projects.
- Provide contract-based services including prototyping, pattern development, and product visualization.
- Studio practice emphasizes tactile design, collaborative process, and building thoughtful products that connect to community.

Production Team Member

Eidolon Designs, Raleigh, NC

Aug 2025 - Present

- Assist with woodworking and scale production of craft furniture and custom furniture components
- Lead creation of CAD renderings for clients and internal production communication.

Soft Goods Instructor

Rhode Island School of Design, Providence, RI

Jan 2023 - May 2025

- Designed and taught an undergraduate/graduate course called "Rogue Fibers" on soft goods rapid prototyping and design through modeling and iteration.
- Assisted instruction of several undergraduate courses, including "Design Principles 2," "Apparel Studio 3,"

and "Soft Goods Design Studio" over 3 years.

- Technician for sewing machine maintenance for the Industrial Design department sewing room.

NC State University, and Caldwell Fellows Program

Aug 2020 - Dec 2022

- Co-designed curriculum for professional, ethical, situational, and servant leadership models for a class of Caldwell Fellow students under the course titled "Emotionally Intelligent Servant Leadership."

Naloxone Packaging Designer

COBRE Research Group/Brown Health, Providence, RI

Aug 2024

- Designed and developed prototypes for new Naloxone containers, designed to be carried with the users rather than stowed away. Designed in collaboration with homeless and casual users in mind, this new approach should keep the drug handy in case of an overdose.

Patternmaker

Maha Barsom Apparel, Providence, RI

June - Aug 2024

- Assisted in the design, sewing, and patterning for the 2024 summer collection, including championing one of the summer's articles. Curated photography and videography for the brand, and managed Instagram and website maintenance.

Industrial Design/R&D Engineering Intern

ABB's Corporate Research Center, Raleigh, NC

May 2021 - Aug 2022

- Designed process and manufacturing changes for an updated, energy and cost-efficient electric motor shell.
- Tested thermal heat dissipation module for an innovative fin-array modification, which led to corporate investment in a stage-0 research project.
- Designed and assembled test setup for heavy lift drone motors which led to a shift away from drone industry investment.
- Designed thermal and mechanical models of a three-phase electric motor for high-torque applications which allow motor designs to be thermally evaluated before production, saving rounds and millions in prototyping costs.

Research Assistant

Automated Robotic Sensing Lab at NC State, Raleigh NC

Jan 2019 - Mar 2020

- Designed custom parts and electronics assemblies for both prosthetic and agricultural imaging and sampling devices.
- Managed data collection for biometrics research.

Ceramicist

Gretchen Quinn Ceramics Studio, Raleigh NC

Jan 2021 - Dec 2023

- Prepared, finished, glazed, and maintained shop for a well-known NC fine craft potter, alongside my personal pottery practice.

Awards & Certificates

Teaching Certificate from Rhode Island School of Design 2025

Winner of RISD IDSA Make-a-thon 2024

College of Engineering Humanities Award for Outstanding Research 2022

Mechanical Engineering "Outstanding Senior" Department Award 2022

University Honors Program "Outstanding Research" Award 2022

Spanish Language Departmental Award for "Outstanding Dedication to the Field" 2022

Creative Leadership Training 2022

Caldwell Leadership Fellowship 2018-2022

References

Leslie Fontana

Department Head of Industrial Design at Rhode Island School of Design

School: 401-454-6169

Cell: (401) -932-4828

lfontana@RISD.edu

Leslie was my direct supervisor and department head from 2023 to 2025, during which time I assisted with her Soft Goods Class instruction and taught my own Rogue Fibers course for the Department of Industrial Design at RISD.

Maha Barsom

Owner and Designer of Maha Barsom Apparel

Senior Critic of Apparel Design and Soft Goods at Rhode Island School of Design

(401) 465-7498

mbarsom@RISD.edu

Maha is the owner and Lead Designer of Maha Barsom Apparel, where I interned and consulted from 2023-2024. She is also a senior critic of Apparel Design, where she supervised me and taught the Soft Goods class that I TA'd from 2023-2024.

Gretchen Quinn

Owner of Gretchen Quinn Pottery

(206)409-4005

gretchenquinn@hotmail.com

Gretchen is the owner and artisan potter of Gretchen Quinn Handmade Pottery Studio in Raleigh, North Carolina.