KATHERINE RANT

CONTACT

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◼ EDUCATION

August 2019 - December 2021

Master Of Art + Design, M.A.D. | North Carolina State University
Concentration - Experimental Media Arts - GPA 4.0

August 2015 - May 2019

Bachelor of Art + Design | North Carolina State University
Concentration - Fashion + Fibers - GPA 4.22

Summer 2018

Study Abroad Program | Academia Italiana | Florence, Italy
Intensive Fashion Design Studios

◼ EXPERIENCE

July 2023 - May 2024

Character Effects Artist (Cloth) | Groundwork Animation
- Created and edited character garments for the Jesus film project in CLO3D and Marvelous Designer.
- Simulated and adjusted fit based on art director feedback.
- Cleaned up simulated geometry as needed.

December 2021 - May 2023

- **ClothFX Artist | Spree3D**
- Created realistic cloth simulations and modeled 3D accessory assets.
- Collaborated with fashion team by developing and tailoring garment patterns in CLO3D.
- Implemented custom cloth rig solutions by painting maps, implementing deformers and creating blend shapes resulting in successful reviews and approvals of all garment grades.

January 2013 - Present

Freelance | Self-Employed
- Demonstrating adaptability and creative versatility as a freelance designer tackling a wide array of projects including print design, hand-painted menu boards, logo design, illustrations, tri-fold downtown maps, made-to-order garments and 3D models.

August 2019 - December 2021

Teaching Assistant | North Carolina State University
- As a TA for five semesters, I provided support in courses such as Contemporary Issues in Art + Design, Sophomore Design Studios, and Fibers + Soft Construction Studios.
- Successfully managed course Moodle platform ensuring smooth access to course materials and effective communications with students.
- Completed grading and provided constructive feedback to enhance student learning and development through studio critiques.
- Took an active role in curriculum development by designing projects, rubrics and fostering innovative, engaging learning experiences for students.

◼ CERTIFICATES

August 2019 - December 2021

Teaching & Communications Certificate | North Carolina State University
- Presented by The Graduate School at North Carolina State University, acknowledging the completion of over 100 hours of approved workshops and additional activities.
- Demonstrated teaching proficiency through the design and delivery of a series of fiber-based student projects and presentations. Covered diverse topics, including 3D printing on fabric, screen printing on fabric, zero waste pattern making using Sketch-Up, and draping techniques.

June 2023 - Present

Certificate in CLO3D Virtual Fashion Design | Parson's School of Design

- Actively advancing skills in 3D garment/soft-goods design, development and presentation.
- Acquiring new insights into pattern-making, BOMs, color ways, 3D sampling and creating presentation-ready 3D environmental spaces.

AWARDS

December 2021

Wings on Wings

- The Dean of the College of Design awards the Wings on Wings recognition to those individuals who have demonstrated a willingness to make significant contributions to the College of Design Community at NC State University.

April 2018

Phi Beta Kappa

- Inducted into Phi Beta Kappa. It is considered the nation's most prestigious academic honor society founded in 1776. Its members represent the top 10 percent of Art and Science undergraduate students that demonstrate outstanding academic achievement.

April 2018

Spotlight on Student Fiber Trends

- Awarded third place in juried textile and fiber art competition hosted by the Southeast Fibers Art Alliance.

■ SKILLS + SOFTWARE

Autodesk Maya | CLO3D | Marvelous Designer | Adobe Creative Suite | Adobe Illustrator | Numerion Carbon Plugin for Maya | Adobe Substance 3D Painter | Pixologic Z Brush | After Effects | Unreal Engine Reallusion iClone | Reallusion Character Creator | Blender | Adobe Indesign | Adobe Photoshop |Adobe XD | Sketch-Up | Unity | Sewing | Flat Pattern Making | Natural Dying | Draping | Textile Manipulation | Drawing | Sketching | Screen Printing | 3D Modeling | Cloth Simulation | Apparel Design | Typography | CFX | Fashion Design | Illustration | Print + Surface Design