

Mary Scott

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Education

University of Cincinnati

Bachelor's of Science in Industrial Design
Graduated Summa Cum Laude
Dean's List All Semesters
Class of 2024

Universität Wuppertal

Studied Industrial Design
Academic Exchange in Germany
Beginner Level German Language
Winter Semester 2022- 2023

Work Experience

Freelance Industrial Designer

Contractor

Cincinnati, Ohio

May 2024 - Present

Assist in product development in the toy industry. Sculpt 3D models of product while adhering to materials, manufacturing, and molding constraints. Create 3D printed, articulated models for display in pitch presentations. Research existing brands to create product consistent with 2D animation style.

Hasbro, Inc.

Design Co-op

Pawtucket, Rhode Island

September - December 2023

Lead collaborative discussions between designers and engineers concerning the aesthetics, manufacturing, and materials of new products. Build 3D models, both CAD and sculpt, while creatively incorporating electronic, mechanical, and soft goods elements. Independently develop an innovative workflow between mesh and NURBs models to create an efficient system from sketch to prototype. Present independent pitch decks, creating all assets (renderings, sketches) for clear communication of new concepts. Multi-task on multiple projects with fluctuating priorities. Sketch, ideate and illustrate concepts for a variety of toys including: hardlines, softlines, vehicles, soft dolls, play sets, and animatronics. Research existing brands including: Play Doh, Star Wars, Peppa Pig, Furby, and Transformers.

Eleventyplex

Design, Sculpt Co-op

Cincinnati, Ohio

May 2022 - June 2023

Sculpt 3D models in ZBrush for toys, props, and animatronics. Create hardline models with basic plastics manufacturing and molding restrictions. Create planar and ball jointed articulated figures. Revise models iteratively based on feedback from both external clients and internal consultancy experts. Thoroughly conduct detail oriented trend and brand research for each product. Work with brand managers, licensors and designers to create an accurate to brand product. Problem solve and communicate manufacturing or molding concerns to client with solutions in mind.

DAAP Rapid Prototyping Center

Design, Model Maker Co-op

Cincinnati, Ohio

January 2021 - December 2021

Maintain, operate, repair and upgrade all lab machinery including: 3D printers, CNC machines, and laser cutters. Manage incoming projects and communicate time estimates and concerns to students as needed. Problem solve with students to direct them towards the best materials and prototyping methods. Assist and educate students on new technology, common problems, and troubleshooting. Sand, finish and paint prototypes for display. Create NURBs models in Rhino for model making and machine set up.

Skills

Digital

Adobe Creative Suite • Photoshop • Illustrator • InDesign
• 3D CAD • Digital Sculpting • Rhinoceros 3D • ZBrush
• Onshape • SolidWorks • Digital Rendering • Luxion
KeyShot • Blender • Digital Sketching and Illustration

Design

Design Thinking • Model Making • Iterative Prototyping •
Laser Cutting • 3D Printing • Materials and Manufacturing
Knowledge • Intellectual Property and Brand Research •
Machine and Hand Sewing