Yunhan Liu

Industrial designer
Savannah, GA

Website
https://yunhaan.github.io/

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TECHNICAL SKILLS

Software: Rhino, Keyshot, Solidworks, Photoshop, Illustrator, Premiere, Microsoft Office
Expertise: Sketch, Design Research, 3D Printing, Woodworking, Foam Prototyping
Programming: Arduino, Python

EDUCATION

Savannah College of Art and Design   Savannah, GA | Expected Mar 2025
Master of Fine Arts in Industrial Design
GPA:3.9/4.0

Hunan University   Hunan, China | Sep 2018 — Jun 2022
Bachelor's in Industrial Design
GPA 3.8/4.0

RELEVANT EXPERIENCES

Mayo Clinic (SCADpro–Sponsored Course)   Savannah, GA | Jan 2024 – Present | Team Lead
· Led a team of 4 to design a medical protection equipment
· Assisted designing a protection service paradigm for patients using **Arduino**
· Parametric modeled a high−intensity, impact−resistant resin fabric material using **Rhino**
· Manufactured the material using 3D printing, achieving **10x** higher intensity than cotton fabric

Blu Dot Inc. (SCAD Cooperation Course)   Savannah, GA | Mar 2023 – Jun 2023 | Participant
· Designed and prototyped a wood assemblable shelf using **Solidworks** and **3D printing**
· Manufactured a 1:1 model of the shelf product using **table saw**, **sander**, and relevant tools
· Crafted innovative furniture solution optimizing space utilization, resulting in a **50%** reduction in required space while maintaining full storage capacity

Media Group   Hunan, China | Jun 2021 – Sep 2021 | Industrial Design Intern
· Conducted research and field trip, design proposal and workshop, and documentation
· Analyzed stakeholder needs, and summarized basic requirements
· Contributed to solution for setting up a customizable temperature control system in commercial scenarios

Course Project: Paw Pal   Savannah, GA | Mar 2023 – Jun 2023 | Participant
· Crafted an playful and interative solution with **Solidworks** to take care of dog's oral health
· Prototyped using MDF board and conducted **ergonomic test** to select the best solution for human hand
· Got selected by school and was exhibited in school's gallery due to our innovation in this project

CERTIFICATES

Lextant: Design Research & Insight Translation
SCADamp: Speak, Visualize and Connect
SOLIDWORKS 2022 Essential Training(Linkedin)