

# YASH SHARMA

Industrial Designer

## Contact



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## Experience

### CAD Modelling, Mentor

Jan - Nov 24

- Mentored students in advanced CAD modelling techniques using Rhino, supporting design optimization and models for the manufacturing of TYR.
- Utilized advanced 3D printing, CNC, woodworking, and electrical prototyping (using Uno boards) to bring concepts to life.
- Worked and managed the UI team for TYR, guiding them in creating and implementing their concepts in TYR.
- Work got featured in Forbes magazine.
- Roles: Research, Ideation, Modelling, Digital Sculpting, Prototyping.

### Ambrecord, Atlanta

Nov 23 - Jan 24

- Designed and prototyped an innovative carpenter's clip, achieving enhanced usability and durability through iterative testing.
- Conducted in-depth competitor and market research to guide product development strategies.
- Used 3D printing techniques (FDM and SLA printers) to test product functionality, ensuring optimized performance and structural integrity.
- Roles: Research, Ideation, Modelling, Prototyping

### ScadPro Advanced Digital Sculpting Course

Apr - Jul 2023

- Successfully completed a rigorous 10-week digital sculpting program under mentorship from Apple's Industrial Design Group.
- Advanced expertise in surface aesthetic analysis, production-level modelling criteria, and detailed design evaluation using Rhino.
- Coordinated team efforts to develop industry-grade designs, balancing creativity with manufacturability.
- Roles: Modelling, Rendering.

### Snap-On Tools

Sept - Nov 2022

- Spearheaded the development of a new line of lighting tools tailored for plumbers and electricians for their European brand Bahco, emphasizing usability and efficiency.
- Conducted user-centred research to identify pain points and translated findings into practical design solutions.
- Produced 12 detailed product concepts, several of which advanced to manufacturing stages.
- Delivered CAD models and visualizations to facilitate seamless communication with engineering teams.
- (Currently involved in further development for manufacturing)
- Roles: Research, Ideation, Prototyping, Modelling, Rendering.

### Digital Lab Technician

Apr - Jun 2022

- Operated and maintained specialized equipment, including laser cutters, 3D printers, and large-format printers, to support design projects.
- Assisted students in prototyping complex designs, offering technical expertise and troubleshooting support.
- Optimized lab processes to improve efficiency and access for design students.

### Project X

Apr - Jun 2021

- Created high-quality 3D renderings to visualize product concepts, enhancing client presentations and decision-making.

## Education

### M.A. in Industrial Design

2021 - 2023

Savannah College of Arts and Design (SCAD)  
Savannah, GA, USA

### B. Management Studies

2016 - 2020

Sathaye College Vile Parle  
Mumbai, MH, India

## Softwares

Rhino

Keyshot

Grasshopper

Photoshop

Figma / Miro

Shapr3D

Illustrator

Premier Pro

Blender

Solid Works

Fusion 360

## Skills

Prototyping

3D Printing

Project Management

Idea Visualization

3D Modelling

Rendering

Sketching

Woodworking

Manufacturing Process

Contextual Research

## Achievements

- Lextant Certificate - Design Research & Insight Translation
- SCAD Honors and Achievement Scholarship