Abhinay Lal

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Industrial Designer with expertise in product development, 3D modeling, and rendering, across a wide range of 3D modeling Software. Design areas include consumer electronics, engineering/ industrial products; Inclusive solutions for disabilities, toys and consumer electronics

Education

Savannah College of Art and Design | Savannah, GA | **GPA: 3.76**   **Winter 2024**
Master's of Fine Arts Industrial Design

Sushant University | Gurgaon, HR | **GPA: 3.5**   **Spring 2019**
Bachelor's of Design

Professional Experience

Fusion Furnish | *Designer* | Greater Noida, IN

- Executed the full visualization process, producing photo-realistic renderings of new furniture products for catalogue and marketing use with Keyshot and Twinmotion
- Refined existing designs and updated new collections with advanced 3D modeling. Also managed graphic design production for promotional events, along with video editing

Future Factory | *Fellowship* | Mumbai, IN   **May 25 – Aug 25**

- Designed a commuter-friendly, women-inclusive rural bike with a focus on ergonomics, accessibility, and ruggedness for unpaved environments. Including computation of wheel sizing, payload optimization and speed.
- Developed Class A surfacing models in Rhino 3D and produced photorealistic renderings in KeyShot to visualize the concept.

Savannah College of Art and Design

| *Teaching Assistant* | Savannah, GA   **Sep 23 – Nov 23**

- Enhanced student proficiency in Rhino software, resulting in a 30% improvement in project quality by providing targeted instruction and support.
- Organized and supported ideation processes for over 20 coursework modules, fostering a dynamic learning environment for 15+ students.
- Utilized Keyshot for rendering, contributing to the visual quality and comprehension of student projects.

| *Peer Tutor* | Savannah, GA   **Sep 22 – Nov 23**

- Taught Rhino and KeyShot to over 50 peers at SCAD, enhancing their proficiency by 30% within 2 weeks.
- Developed and refined teaching strategies to facilitate multi-perspective discussions, leading to a 25% increase in engagement and comprehension during lessons.

| *SCADPro Advanced Digital Sculpting Course*   **Mar 23 – Jun 23**

- Selected for a 10-week advanced digital sculpting project in Rhino with production level modelling criteria and techniques. Introduced to advanced surface aesthetics by members of Apple's Industrial Design Group

| *CAD Lead, **SCADpro** | Savannah, GA   **Sep 22 – Nov 22**

- Developed and prototyped 12 innovative lighting solutions for the trade industry, leading to a 30% increase in client engagement.
- Produced 15 manufacturing-ready models as CAD Lead, resulting in a 25% reduction in production time.
- Created over 50 photorealistic visualizations, enhancing client decision-making and project comprehension.

Research

Thesis Project
Savannah College of Art and Design – Savannah, GA | Winter 2024
"Redesigning the Wheelchair: Enhancing Bed-to-Wheelchair Transfers"

- Focused on improving ergonomics, accessibility, and independence for people with disabilities.
- Developed and tested multiple concepts through 3D modeling, and ergonomic analysis.
- Created Class A surfacing models in Rhino and photorealistic renderings in KeyShot to visualize design outcomes.

Skills

Technical Skills - Rhino 3D (CAD, Class A surfacing), KeyShot, Twinmotion, Adobe Illustrator, Photoshop, InDesign, Blender, AutoCAD, Shapr3D, Woodworking, DaVinci Resolve

Soft Skills - Learner Mindset, Authenticity, Team Spirit, Creative Thinking, Collaboration, Problem-Solving