

# ADHVIK AGGARWAL

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## EDUCATION

Rhode Island School of Design BFA Industrial Design '27

3.92 GPA

## EXPERIENCE

### **HEAD MONITOR – ID CAD LAB**

- Responsible for the industrial design digital maker space including FDM & SLA printing.
- Monitoring students use 3D printers, scanners, laser cutters and software such as Rhino, SolidWorks, Keyshot and Adobe.
- Responsible for the lab schedule, upkeep and maintenance including technical repairs, student mentorship and management.

### **Design Lead and fabricator for ROVER RISD ASTRO**

#### **2<sup>ND</sup> Place Winners, Phoenix Award, Featherweight Award at NASA HERC**

2023 - Present

- One of the team leaders that oversaw the building and coordinating engineering for the 2026 rover.
- Heavy emphasis on weight reduction, stability and reliability making it 20% lighter.
- Improving the durability and stability of the new chassis and subsystems specially including steering, working within weight constraints using carbon fiber and aluminum.

### **Intern, Direct Create, New Delhi**

June – Aug 2025

- Through CAD, rendering and sketching I fortified the link between handicraft artisans and potential buyers. By making presentations, renders and product overviews to pitch products to buyers in a 3-month summer internship.

### **Intern, Vyom Architects, New Delhi**

Jun – Aug 2024

- Coordinated, prototyped and presented a new line of architecture souvenirs for the Indian market. Taking inspiration from Indian cities and transcribing their architecture for rapid subtractive wood and metal manufacturing across a 3-month summer internship.

### **Writer & Illustrator, Desi-gned**

Sep 2024- May 25

- Wrote and illustrated for desi-gned V3, New England's first magazine celebrating the South Asian diaspora. Alongside writing an article, I created 11 handcrafted graphite and colored pencil illustrations.

### **Intern, Creative PlayTeach, New Delhi**

July 2022

- Streamlined market research and collected user feedback ideas for the packaging, marketing and presentation for a new line of toy figurines to be launched by an Indian start up.

**Model Shop – 187 Studio - Monitor** - Helping first-year students navigate Experimental Foundation Studies by advising them on how to build their projects and use the studio workspace.

**Orientation Leader** – Worked as an OL for RISD orientation'25. Introducing new students to the RISD community through various team building activities and social exercises.

**Drawing Marathon TA** – Teaching assistant for one of RISD's most intense classes. Having done the course January'25 I will be helping new students with their drawing skills and 12-hour workdays.

#### Skills:

SolidWorks, Rhino, Keyshot, Fusion 360 , MSOffice Suite  
Adobe - Photoshop, Illustrator, Lightroom, Premier, InDesign  
Problem solving, Teamwork, Communication  
User research/Flow, Wireframing, Sketching

Figma & Procreate  
Concept Generation & Presentation  
Rough Prototyping and Model Making  
Rapid Prototyping & Fabrication