

ADHVIK AGGARWAL

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EDUCATION

Rhode Island School of Design BFA Industrial Design '27
3.87 GPA

EXPERIENCE

Design Lead and fabricator for ROVER RISD ASTRO

Featherweight award and 5th place winners at NASA HERC 2024

2023 - Present

- One of the team leaders that is building and coordinating engineering for the 2026 rover with a heavy emphasis on weight reduction, stability and reliability. 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

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

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

2024-2025

- 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

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.

Head Monitor – ID CAD LAB – Monitoring student use of laser cutters, 3D printers and software such as Rhino, SolidWorks, Keyshot and Adobe.

EFS – 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 - TA 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.

SolidWorks, Rhino, Keyshot, Fusion 360
Adobe - Photoshop, Illustrator, Lightroom, Premier, InDesign
Problem solving, Teamwork, Communication

Figma & Procreate
Concept Generation & Presentation
Rapid Prototyping & Fabrication