

ADHVIK AGGARWAL

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EDUCATION

Rhode Island School Of Design (RISD) Bachelor of Fine Arts Industrial Design '27

DPS International (DPSI), Delhi

EXPERIENCES

Design Lead and fabricator for ROVER RISD ASTRO,

Featherweight award and 5th place winners at NASA HERC 2024

2023 - Present

- Worked with materials like carbon fiber, steel, aluminum. Learned manufacturing techniques including wet layups, braising and rapid prototyping. Worked on technical designs for things like indirect steering systems, leaf spring suspension and carbon fiber seats
- Part of the core rover team that built the rover for 2024 and went down to Huntsville Alabama to take part in the competition, currently working on a brand-new design for 2025 with a carbon fiber chassis and all new subsystems.

Intern, Vyom Architects, New Delhi

2024

- Completed a summer internship at Vyom Architects in which I made concept designs and vectors for a new line of laser cut wooden souvenirs they are going to be launching soon.
- Hand Drew and composed the lead designs for individual cities that got converted into vectors

Exploratory Product Designer

2022 – Present

- Exploring the vast potential of product design through hands-on experimentation with diverse mediums. From designing 3D-printed tools for accessibility, like assistive devices for pool players with disabilities, to crafting unique products such as custom card decks, my work spans a wide range of innovative physical designs. Driven by curiosity and a commitment to meaningful, intuitive creations, I aim to develop objects that enrich experiences, solve real-world problems, and spark joy.

Intern, Creative PlayTeach, New Delhi

2022

- Completed a five-week internship at an Indian start up where I discussed and developed ideas for the packaging of a new toy figurine to be launched by the company
- Made various layouts, learned about the designer client relationship, and developed my design thinking by reworking designs and adding new elements to help streamline it.
- Packaging created for small and large toys to be used as a base by the company.

Writer & Illustrator, Desi-gned

2024-2025

Contribute to desi-gned V3, New England's first magazine celebrating the South Asian diaspora, featuring diverse student work across universities and disciplines. Alongside writing an article, I'm creating 12 handcrafted graphite and colored pencil illustrations—designed to enhance the narrative, engage readers, and beautifully bring its contents to life

SKILL

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| <ul style="list-style-type: none">• SolidWorks, Keyshot, Rhino, Procreate• Adobe Suite - Photoshop, Illustrator, Premier Pro,• Audacity, Lightroom• Stable Diffusion – Can train image generation AI Models• Problem Solving | <ul style="list-style-type: none">• Teamwork and communication• Prototyping and fabrication including - Laser Cutting, 3D Printing, Projection Mapping, Mold making etc• Concept generation in all forms of art media including pencil, paint, charcoal, markers and more |
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LEADERSHIP POSITIONS

- **Co-Founder**, Syntax Elements, School's Official Creative IT Club, *DPSI* 2022
- **Appointed Head**, Designer and Graphic Design Event in charge, Syntax Day, *DPSI* 2022
- **Appointed Designer**, Official School Magazine, *DPSI* 2022
- **Appointed Head**, Art Event, La Rayuela, *DPSI* 2021
- **Appointed Head**, Photography Event, Syntax Day, *DPSI* 2021

ART AND DESIGN ACTIVITIES

- **Designer**, Official Event Posters, Official Syntax Day, *DPSI* 2022
- **Designer**, Official Event PPT and Title certificates, Teachers Day Celebrations, *DPSI* 2022
- **Designer**, Poster and Invites, Grade 12 Farewell, *DPSI* 2022
- **Web Designer**, Official website for school's newsletter-The DPSI Post and website for schools official ICT Day "Syntax", *DPSI* 2021
- **Designer**, Official Invite and Merit Certificate, Official Spanish Day, *DPSI* 2021

AWARDS

- **First Prize Winner**, Film Making Competition-Theme: "Oblivious", Code Wars, *DPS Vasant Kunj, Delhi* 2021
- **Winner**, Drawing Competition-Theme: Colors of Life, ICE's International Annual Art Calendar, *ICE Institute, Lucknow* 2021
- **Second Prize Winner**, Renaissance Painting Competition, Literary Festival, *DPS Dwarka, Delhi* 2021
- **First Prize Winner**, Group Product Pitch and Musical Competition, Cofas, CMS, *Lucknow* 2019
- **Top 10**, Doodle Competition, Cofas, *Lucknow* 2019
- **Winner**, Tech quiz at Aeon 4.0, Indian School, *New Delhi* 2019
- **Runner Up**, Annual Art Competition, *Nehru Planetarium, New Delhi* 2017 –2018
- **Participant**, International ICT Competition, Cofas, CMS, *Lucknow* 2018
- **First Prize Winner**, Mask Making Competition, Global Schools Fest, *Seedling International Academy, Jaipur* 2018
- **Second Prize Winner**, Mural Making Competition, Global Schools Fest, *Seedling International Academy, Jaipur* 2018
- **First Prize Winner**, Art Competition, Bookmark Making, *La Feria, DPSI* 2018
- **First Prize Winner**, Poster Making Competition, Inter-School, Spanish Language Festival, *DPS Mathura, Delhi* 2018
- **Second Prize Winner**, Calligraphy Competition, *Ambience Public School, Delhi* 2017

COMMUNITY SERVICE

Volunteer, Vidya, Helped the organization by being a teacher and taking classes twice a week, *Delhi*
May – Dec. 2021

- **Taught** underprivileged children about art research and the various methods of developing and using new art techniques for their drawings

Volunteer, Nayi Disha, Helped the organization by being a teacher and taking classes twice a week, *Delhi*
May 2022

- **Taught** underprivileged children about design thinking and how to break the mold of traditional and straightforward art. Through various weekly sessions and assignments, I was able to give them various methods and strategies on how to break down topics, come up with ideas and present artwork that spoke to their strength and layout.