



Vasisht Manoj Rajani

Industrial Designer

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Education

School of the Art Institute of Chicago

Master of Design in Design Objects
2019 - 2022

Offsite by Advance Design

Certificate Course on Design
Spring 2021

D J Academy of Design, India

Industrial Design
2015 - 2019

Exhibitions

ICFF Exhibition

Javits Center, NYC
May, 2022

Presented table piece partially composed of dust generated from its fabrication process, sparking conversation on sustainability

MFA Exhibition

School of the Art Institute of Chicago
May, 2022

Designed a miniature furniture series concerned with our connections to products and their relation to product afterlife.

Skills

Adobe Suite
Solidworks
Keyshot
Gravity Sketch
Product Analysis
Universal Design
Accessible Design
Basic Engineering
Basic Manufacturing
Prototyping
Wood & Metal Working

Experience

Junior Industrial Designer at Teams Design

November 2022 - On going

- Worked with a wide range of products from basic ideation to concept development
- Understood the process of manufacturing and ways to reduce overall costing
- Participated in various client workshops, presenting projects and building concepts on the spot

Assistant Manager at Digital Fabrication, SAIC

August 2021 - May 2022

- Consulted with students and faculty on best ways to fabricate their projects
- Created efficient processes to deliver multiple 3D prints in advance of set delivery time
- Instructed student staff on the operation and maintenance of 3D printers and laser cutters

Teaching Assistant for Design Objects 1, SAIC

August 2021 - December 2021

- Created an open communication system to exchange feedback within students and faculty
- Created a seamless design process for each student through multiple brainstorming sessions
- Advised students on best practices and efficient techniques in the wood shop and metal shop

Assistant Manager in 3D Printing Ceramics, SAIC

August 2019 - May 2020

- Explored the mechanics limitations of ceramic 3D printers
- Guided students and faculty in converting their CAD models to physical ceramic pieces
- Tested material combinations to enhance printing efficiency

ID Internship at Orangewood Labs, Noida

December 2018 to June 2019

- Designed and prototyped a 6DOF Robotic Arm for painting
- Collaborated with multiple people from the electrical and mechanical engineering teams
- Understood the properties and process of manufacturing
- Materials selection to make the model, lightweight but structurally strong and cost effective