

Ishika Joshi

New Delhi, India
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Portfolio Website
LinkedIn

EDUCATION

Bachelors of Technology (Computer Science and Design)

Indraprastha Institute of Information Technology, GPA: 8.65/10 (Until 4th Semester)

2019 - 2023

- Coursework: Human Computer Interaction, Design of Interactive Systems, Engineering Design, Visual Design, Design processes, Affective Computing, Data Structures and Algorithm, Object Oriented Programming, Algorithm Design, Database Management, Computer Networks, Engineering Maths, Machine Learning

New Delhi Public School, New Delhi,

XIIth: 95.6 percentage

2017 - 2019

Loreto Convent, New Delhi,

Xth: GPA: 10/10

2006 - 2017

EXPERIENCE

Undergraduate Researcher (Academic)

May, 21 - present

Weave Lab , IIITD

- Working on a Interactive Storytelling medium for pre-schoolers using Image Processing
- Domain: Interaction Design, HCI

Adobe WIT Scholar 2022

Nov, 21 - present

Adobe Research, India

- One of the 6 scholars selected pan India for the WIT Scholarship by Adobe Research

Research Mentee (Academic)

Apr, 21 — May, 21

Women in Machine Learning and Data Science

- Got mentored in the field of research in Data Science under WiMLDS
- Domain: Data Science, Research

Human Machine Interaction Lab, IIITD (Academic)

Jan, 21 — May, 21

Data Collection

- Contributed in data collection process for two projects based off Affective Computing, Contextual Emotion Recognition
- Domain: HCI

Visual Design and Communication Teaching Assistant (Academic)

May, 21 — Aug, 21

IIITD

- Assisting in teaching over 65 students in the course of Visual Design
- Domain: Visual Design, HCI

Design Processes and Perspective Teaching Assistant (Academic)

Sept, 21 — Jan, 22

IIITD

- Assisting in teaching over 65 students in the course of Visual Design
- Domain: HCI Research Processes

PROJECTS

Magical Mirror and I

May, 21 - present

Guide: Dr. Aman Parnami, PhD(2017), Georgia Institute of Technology, USA

- Developing and designing a stroytelling experience for pre school children using Image Processing
- p5.js from Processing, Tensorflow.js, React.Js ,HCI Research, Interaction Design
- View Web Page

Tsuru - Origami in AR

Feb 21 — May 21

Guide: Dr. Aman Parnami, PhD(2017), Georgia Institute of Technology, USA

- Developed and designed an educational application to experience origami in AR with extensive user research and qualitative analysis
- Unity3d, C hash , Figma, Miro, HCI Research
- View Web Page

AOT World - Data in a 3D Simulation

May, 21 - present

Guide: Dr. Aman Parnami, PhD(2017), Georgia Institute of Technology, USA

- Developing and designing a fun and interactive 3D world simulation to enhance data visualisation experience themed after Attack on Titan(anime series)
- THREE.Js, d3.Js, Interaction Design
- Walk Through Video

Kurious - Kurating a responsible mind

Aug 20 — Dec 20

Guide: Dr. Indrani De Parker, PhD, IDC, IIT-Bombay

- Designed an application themed for Sex Education for children of ages 6-9 following an extensive design process including User Research.
- Keywords: HCI, UI/UX Designing, UX Research, Sustainable Development
- View Web Page

Twitter Hashtag Analysis

Dec, 20 - Jan, 21

- Developed and designed a program in Python and exhaustively analyzed a Twitter hashtag using Twitter API and data science
- Data Analysis, Affective Computing
- Walk Through

PUBLICATIONS

- **Ishika Joshi**, Neha Khanna and Aman Parnami. 2021.
Magical Mirrors and I: Interweaving learning with mirror play (Extended Abstract) [Accepted at DIGRA 2022, To be presented]

TECHNICAL SKILLS

Technical Skills	Design Thinking, Ideation, JavaScript (Experience with Three.js, Node.js, p5.js, d3.js, chart.js, tensorflow.js),HTML, CSS, Arduino, Miro, Figma,Prototyping, Image Processing,Machine Learning tools, MongoDB, mySQL, openCV, Adobe Photoshop, Adobe Illustrator, Adobe Premiere Pro, Qualitative Design Research, Graphic Designing
Interpersonal Skills	Leadership, Effective Communication, Time Management, Conflict Resolution and Negotiation
Languages	JavaScript, Java, Python

VOLUNTEER (OR LEADERSHIP) EXPERIENCE

- **Graphic Designer, Amoli Trust** May, 20 - present
Have been volunteering at Amoli Trust, NGO working against Child Sexual Harassment
- **Graphic Designer, LeanIn IIITD** Jan, 21 - present
Graphic Designer at IIITD all women in STEM community
- **Core Team, DesignHub IIITD** May, 21 - present
Core Team Member of IIITD's primary Design Community
- **Graphic Designer, GirlUp** May, 20-Nov,20
Worked as a Graphic Designer to serve the cause of Women Empowerment on campus
- **Member, Design Placement Team** May, 21 - present
- **Leader, Kurious Team Project** Aug,20 - Dec,20
Represented the group working on Kurious - HCI Research Project

AWARDS & HONORS

- Adobe Women in Tech 2022 Scholar, one of the 6 awardees selected throughout the country
- Two Time Mary Ward Scholar for best performance in the entire grade, Loreto Convent
- Highest Scorer in Designing Interactive Systems (DIS) coursework
- Among the top 1 percent scorers in the state and the highest scorer in school in CBSE Board Examination (2019)
- Loreto Convent All Rounder Student (2011-2019)

HOBBIES AND INTERETS

- Human Psychology
- Graphic Designing
- Photography
- Sketching