Ishika Joshi

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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,Machine Learning, Computer Networks, Engineering Maths, Computer Graphics

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 mirror based Interactive Storytelling digital medium for pre-schoolers
- Domain: Interaction Design, 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

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

Design Processes and Perspectives Teaching Assistant (Academic)   **Sept, 21 — present**
IIITD
- Assisting in teaching over 65 students in the course of Design Processes and User Experience Research
- Domain: Design Processes,User Experience, HCI

UI/UX Developer (Industry)   **Jan, 21 — May, 21**
IIITD Student Playbook
- Worked as a UI/UX designer for an all student Initiative in IIITD.
- Domain: UI/UX Design, Visual Design

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

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, 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
- View Web Page

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

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

SURU - Personalised Time Management   **Feb 21 — May 21**
Guide: Dr. Grace Eden, DPhil (2012), University of Oxford
- Designed a personalised Time Management Application following an extensive design process including User Research
- HCI, UI/UX Designing, UX Research
- View Behance

PUBLICATIONS

- **Ishika Joshi**, Neha Khanna and Aman Parnami. 2021.
  Magical Mirrors and I: Interweaving learning with mirror play (Extended Abstract) [Submitted to DIGRA 2021]

TECHNICAL SKILLS

Technical Skills	Design Thinking, Ideation, JavaScript (Experience with Three.js, Node.js, p5.js, d3.js, chart.js, tensorflow.Js),Unity, HTML, CSS, Arduino, Miro, Figma,Prototyping, Image Processing, MongoDB, mySQL,Machine Learning, 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

- **Core Team, DesignHub IIITD**   **May, 21 - present**
  Core Team Member of IIITD's primary Design Community
- **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
- **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

- 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