



Lakshya Ranwan
Industrial Design Centre
Indian Institute of Technology Bombay

19U130030
B.Des.
Gender: Male
DOB: 01-02-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2023	8.99
Graduation	IIT Madras	IIT Madras	2025	9.5

Work Experience

Research Paper for India HCI 2021

Research Assistant

- Co-authored a **research paper** on data visualisation and analysis methods to study writing process, submitted to **India HCI 2021**
- Developed methods for **data visualisation** and **analysis** that help in studying the writing process with text prediction systems
- Conducted user studies to assess the effects of bias in **predictive text systems** on users, gathered and analysed data to understand users' writing processes with text prediction systems

Internship | Guided by Prof. Anirudha Joshi

E-Cell, IIT Bombay 2020-21

Design Coordinator

- Design head** of E-Cell's social initiative. Designed and branded the initiative with logos, colour schemes, posters and social media posts. Reduced 112 kgs of CO2 by spreading awareness and preventing digital waste that produces CO2 emissions
- Designed compelling **posters, booklets** and **social media posts** for Eureka 2020, Asia's largest business model competition

Position of responsibility

Mood Indigo, IIT Bombay 2020

Design Coordinator

- Ideated the **Mood Indigo 2020 website** with a team of design managers (for online Mood Indigo). Designed social media posts and animations circulated online to a viewership of **1,00,000+**

Position of responsibility

Key Projects

Vayam App Aug-Sept 2021

UI/UX and Research

- Conceptualised** and **designed** a platform to provide personalised virtual trainer services to help people stick to personalised diets and maintain regular exercises
- Performed user research in a team of 4 students
- Created** and **prototyped** screens for an android application

Academic Project | Guided by Prof. Anirudha Joshi

mParivahan App Redesign Sept 2021

UI/UX Redesign

- Performed **user research** to derive insights about mParivahan app
- Performed **layout analysis** to find possible design intervention areas
- Prototyped screens using principles of **cognitive ergonomics**

Academic Project | Guided by Prof. Swati Pal

Nathan Yau's Visualisation Redesign Jul-Aug 2021

Data Visualisation

- Analysed** an existing **interactive data visualisation** by Nathan Yau on FlowingData.com
- Improved it and redesigned in an interactive medium using **D3.js**
- Redesigned it in a static medium using **seaborn** in **python**

Academic Project | Guided by Prof. Venkatesh Rajamanickam

Portfolio

<https://lakshyaranwan.github.io/>

Education

IDC, IIT Bombay — B.Des

2019–2023

- Department **Rank 2** in a batch of 32 students (2021)
- Institute Academic Prize** for excellence in academics (2020)
- Class Representative**, responsible for smooth interaction between students and faculty. (2019 – present)
- All India Rank 22** in UCEED 2019 (2019)

Data Science, IIT Madras — B.Sc

2021–2025 | Online Degree

- CGPA (Cumulative Grade Point Average) in September 2021 — **9.5**

Skills

Core

UI/UX Designing, Contextual Inquiry, Heuristic Analysis, Layout Design, Wireframing, Prototyping, Data Visualisation, Graphic Designing, Illustrating, Animation

Tools

Figma, Adobe XD, Illustrator, InDesign, Photoshop, After Effects, Maya, Substance Painter, Krita, Unity, Pycharm

Programming

Java, Python, HTML, CSS, JS

Extra Curriculars

Competitive Programming

- Codechef **6171** global junior rank (2021)

Modelling & Fashion

- First position** in Inter-IIT Fashion Show (2019)

Football

- Goalkeeper in college GC (2020)
- Captain of U-15 **I-league** team DSK Shivajians (2015–16)
- Captain of **India team** of FCBescala in **International tournament** in Spain (U-15 Football) (2014–15)
- Captain of **Delhi team** in Coca Cola Cup, **Nationals** (U-15 Football) (2014)