SARANG MEHROTRA

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ACADEMIC BACKGROUND

Indian Institute of Technology, Bhubaneswar   Bhubaneswar, Odisha
B.Tech in Electrical Engineering; CGPA: 8.29 / 10.0   *July 2019 – Present*

SGGS School, Chandigarh   Chandigarh(U.T) *Class XII*
Class XII, Central Board of Secondary Education, 81.4%   *2018*

***Convent of Sacred Heart*, Ambala**   Ambala, Haryana
Class X, Central Board of Secondary Education, CGPA: 10/10   *2016*

PROJECTS AND INTERNSHIPS

- **Video Anomaly Detection**   *(May 2021- present)*
  Funded by Korea Institute of Science and Technology, South Korea

Currently working as a summer research intern and working on a few problem statements using trackers in OpenCV in python. The approach followed in this repository involves self-supervised training deep neural networks to develop an in-depth understanding of the physical and causal rules in the observed scenes. It is implemented in Pytorch framework & has achieved an accuracy of 90.45% till now.

- **User Experience Intern at Frontpage**   *(February 2021 - April 2021)*

Conducted end-to-end product market and user research for the **mobile android app of Front-page.**
Designed UI and interaction guidelines for the brand and provided solutions to improve the the experience of onboarding and search section of the app,

- **Designer in Residence at 10k Designers**   *(Sept 2020 - Present)*

As a UI/UX designer in residence, I worked on various in-house projects for companies like **Razorpay** and **Headout** under mentorship of different mentors (especially Abhinav Chikkara) meanwhile sharpening my skills for product design.

OTHER PROJECTS

- **Web Design and Development intern for IACCSEPT**   *(January 2021 -February 2021)*

Designed the website for a startup by IIT Bhubaneswar Professor and students. The website was designed using various frameworks and keeping cognitive biases in mind to ensure maximum conversion. Then worked on the website development (frontend) using html and css.

- **YouTuber Community App**   *(December 2020- Present)*

Designed a mock community app for the YouTuber and Comedian **Andrew Shulz** to integrate all the social media and show bookings in one place for the community. The app was designed by a team of six and currently is under the handoff stage(as of May 2021)

- **Case study on WhatsApp App Research for GenX users**

Used journey maps, user personas, user interviews, affinity maps and survey design for the case study.

TECHNICAL PROFECIENCY

- **Programming Languages:** C, C++ , Python(openCV*, pytorch*), MATLAB*, HTML, CSS
- **Tools:** Figma, Sketch, Principle, Webflow
- **Operating System:** Windows, Linux

ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Secured AIR **4208** in **JEE(Advanced)** 2019 & **99.33%** percentile in **JEE(MAIN)** 2019 amongst 1.1 million candidates
- Associate Member in Sponsorship Team of **Alma Fiesta**- Socio-Cultural Fest of IIT Bhubaneswar in 2019-20
- Member of Souls for Solace Society- social welfare society of IIT Bhubaneswar
- Member of Mess Committee for Brahmaputra Hall of Residence IIT Bhubaneswar.
- Member of INSTITUTE INNOVATION CELL (UNDER MHRD'S DIC).
- 5 years of experience in Hindustani Classical Music

CURRENT INTERESTS

- Learning machine learning, data Science and project management through relevant courses.
- Currently open for projects and internships for Product management and data science intern roles.