Bhrigu Kansra

https://kinetickansra.github.io

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EDUCATION

MAIT, GGSIP UNIVERSITY
B.Tech in Information Technology
Expected Aug 2021 | New Delhi, IN
Cum. GPA: 7.27

KULACHI HANSRAJ MODEL SCHOOL
High School
Grad. 2016
New Delhi, IN

LINKS

Github:// **kinetickansra**
LinkedIn:// **bhrigukansra**
Twitter:// **bhrigukansra**
Facebook:// **kinetickansra**

COURSEWORK

Data Structures
Algorithm Design & Analysis
Software Engineering
Object Oriented Programming
Java Programming

MOOCS

STANFORD:
Computer Science 101 by Nick Parlante
UDACITY:
Android Basics by Google
COURSERA:
How Google does Machine Learning by Google Cloud
OPEN CLASSROOM
Build your first web pages with HTML & CSS
Learn to code with JavaScript

COMMUNITY

ACM MAIT:
Heading the Graphic Designing team.
KAGGLE DELHI :
In creativity and designing team.
TEDXMAIT:
Worked as an Associate and Logistics Head at TEDxMAIT.

EXPERIENCE

DESIGN, TECHNOLOGY, SOCIAL INNOVATION WORKSHOP | Participant
Jan 2020 | Mumbai, IN

- Organised by Massachusetts Institute of Technology(MIT) India Inititiative and WeSchool, selected in Investigation and Journalism: Telling Tangible Tales.
- Created MENopoly, how hard can it be, a board game which is a manifestation of various stages of life that a person goes through and presents a stark contrast between how they affect the male and female players differently, representing the realities of today's era. As the players are subjected to a myriad of life situations, its ups and own and the culmination of the journey, they are left with a lasting impact.

IIT DELHI | Summer Research Intern
June'19 - Aug'19 | New Delhi, IN

- Selected as an undergraduate researcher at Celestini Project India 2019
- Built a solution to the problem of harassment against females using mobile microphone. Working on extracting real-time audio data feature extraction (MFCCs) using sliding windowing technique and building Machine Learning and Deep Learning models in TensorFlow to detect distress situations and deploying it in an android application using Tensorflow Lite and Firebase ML kit.
- Celestini Project is sponsored by IIT Delhi, The Marconi Society and Google.

DELHI DESIGN INNOVATION BOOT CAMP(DDIBC) | Delegate
Sept' 18- Nov'18 | New Delhi, IN

- Redesigned bus shelters to improve information availability and creating an user-friendly application to provide users with real-time information regarding bus routes,timings and much more by which aimed to enhance UX for Delhi's local bus commuters.

TECHNICAL SKILLS

• Programming & Scripting Lang	C, C++, Python, MATLAB, GNU Octave, Bash Scripting
• Libraries & Tools	Numpy, Pandas, Beautiful Soup, Matplotlib, Scikit-learn, Keras, TensorFlow(1.x), Praat, HTK

PROJECTS

TAVAS - WOMEN'S SAFETY APPLICATION Jun '19 | Sept '19

- Enhance women safety by detecting distress(crying/sobbing) sounds using mobile phone microphones with the help of Machine Learning and Deep Learning model created using TensorFlow and deploying them in an android based application with TFLite.

ACHIEVEMENTS

- Runner up, Design 360, ESYA | August 2019
- 2nd Runner up, IGDTUW-HACKS - Paytm Build for INDIA 2019
- 2nd Runner up, DTU Vihaan 2.0 Design-o-thon 2019
- 2nd Runner up, BlendIT | January 2018, Cyber Cup Amity University
- Runner up, Design 360, ESYA | August 2018