

Shivam Jindal

Passionate, Spearheaded, Ignited

CONTACT DETAILS:

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Degree/Grade	Institution	Score
BTech CSE	AKGEC(AKTU) -Ghaziabad	7.7 sgpa (2018-2022)
Senior Secondary (CBSE)	Ingraham English Medium School - Ghaziabad	84.8% (2018)
High School (CBSE)	Ingraham English medium school - Ghaziabad	91.2%(2016)

EXPERIENCE

- Appointed as a Research Fellow @ IIT, Roorkee. (June-20-2022 to Sept-20-2022)
 - Working on project assigned by NIC (National Informatics Centre GOI)
 - Working on Government Document Processing ,Natural language translation/transliteration and Script Detection project.
- ML Intern position @ [IGP](#) (Feb-22-2022 to June-01-2022)
 - Worked on recommendation engine pipeline.
 - Developed inhouse NLP algorithms for e-commerce use cases.
 - Developed Image Recognition pipeline for e-commerce.
 - Researched & worked to implement latest recommender algorithms.
 - Debugged and modified python scripts.
- DATA SCIENCE TRAINING: completed data science training program from internshala mentored by Mr. Kunal Jain founder Analytics Vidhya.
- Certified in 'Machine learning with Python' by 365DataScience.

PROJECTS

- [KNEE BENT VIDEO PROCESSING\(POSE ESTIMATION\)](#): detecting movement (knee bent) from the video/live cam and counting reps as well as classifying the current state (bent/straight) using OpenCV and mediapipe.
- [UNIVERSAL OBJECT DETECTION OpenCV](#): passing desired input images with desired input labels and use them for detection using YOLO. [Git app model](#) provided by Tzutalin is used for labelling the data according to our preferences.
- [TEACHING A.I. TO PLAY MARIO\(RL\)](#): the project uses gym library for mario environment and stable baseline models to train A.I. to complete mario in least possible time.
- [NLTK CHATBOT](#): Built a chatbot by leveraging chatbot corpus from wikipedia.com and saving it to chatbot.text and then applying NLTK techniques on it.
- [GEOSPATIAL ANALYSIS OF INDIA](#): the project was intended to analyze different aspects of my country India, like gender ratio, literacy rate, population rate etc. using visually appealing python folium visualization.

SKILLS

- [Python](#)
- C#
- JavaScript(learning)
- Algorithms(ML)
- Statistic ,Data Analysis
- Machine Learning, Deep Learning, NLP, Computer Vision
- Machine translation/transliteration
- OCR,3D Computer Vision
- 3D modelling(blender)
- OpenCV, Pytorch, Pytorch3D, Tensorflow.
- Reinforcement learning.
- Image Segmentation, processing and recognition.
- Version/Env. Control(git)
- AWS
- AR, VR application development(Unity)
- OpenAI gym
- GeoSpatial Analysis
- [TimeSeries Analysis/Forecasting](#)
- Deployment(Flask/Stream Lit)
- [PySpark](#) (Big data)

LEADERSHIP AND ACHIEVEMENTS

- Selected as the Youngest research fellow @ IITR.
- Rank 112 in Analytics Vidhya Job-A-thon 2022.
- 5 star on hackerank
- Top 500 in Microsoft ML challenge(2020)
- Top 1% innate reasoning ability in UPRAISED ESAT 2021.
- Participated in Scrolls 2019 paper presentation
- First rank school science olympiad 2016/ Third rank school math olympiad 2016
- Volunteered in events organized by GADW NGO.
- Helped thousands by creating a covid19 resources page on IG(@ghaziabadresources)