Everything with an underline represents a link.

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)
  - Worked on project assigned by NIC (National Informatics Centre GOI)
  - Worked on Government Document Processing ,Natural language translation/transileration 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, Reinforcement learning
- Machine translation/ transliteration
- OCR,3D Computer Vision
- 3D modelling(blender)
- OpenCV, Pytorch, Pytorch3D, Tensorflow.
- OpenAI gym
- Image Segmentation, processing and recognition.
- Version/Env. Control(git)
- AWS
- AR, VR application development(Unity)
- GeoSpatial Analysis
- TimeSeries Analysis/Forecasting
- Deployment(Flask/Stream Lit), APIs
- 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)