Yashraj Kastode

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Education

Integrated M.Tech Artificial Intelligence   *2022-27*
VIT Bhopal University, Bhopal   CGPA: 8.51

Senior Secondary Education (Class 12)   *2022*
Vivekanand College, Aurangabad, Maharashtra   Percentage: 77.67%

Secondary Education (Class 10)   *2020*
Kendriya Vidyalaya, Aurangabad, Maharashtra   Percentage: 92.4%

Technical Skills

C++, Python, NumPy, Pandas, TensorFlow, Git, GitHub, Operating System, MySQL, OOPS, Problem Solving (DSA)

Projects

Hasthakshar using Deep Learning   *Link*
Computer vision system to recognize and translate Indian Sign Language gestures

- Creating a **custom dataset** of **Indian Sign Language gestures** for training the detection model.
- Implementing **stick figure representation** for **skeletal keypoint detection** and analysis.
- Utilizing **deep learning frameworks** (TensorFlow/PyTorch) for **real-time gesture recognition** achieving **90% accuracy**.
- **Tools Used:** Python, TensorFlow/PyTorch, OpenCV, MediaPipe, NumPy, Matplotlib

Achievements

- Microsoft Office Specialist: PowerPoint 2013 (By Microsoft) - May 2019.

Extracurriculars

- **President**, Eureka Club - VIT Bhopal