ASTITVA JAISWAL

STUDENT OF COMPUTER SCIENCE AND ENGINEERING

🎓 EDUCATION

Present | 2020

BTech Computer Science and Engineering
MIT ADT University — Pune, India
CGPA 7.60

2020 | 2017

12th CBSE, AISSCE
City International School, Wanowrie — Pune, India
80% CBSE (English, Physics, Chemistry, Mathematics, Biology)

2017 | 2015

10th CBSE, AISSE
Delhi Public School, Pune — Pune, India
CGPA 9.4 (English, Hindi, Mathematics, Science, Social Science)
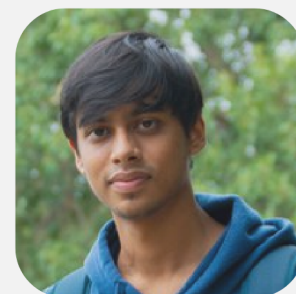
📁 PROJECTS UNDERTAKEN

Sep 2023

Semantic Segmentation of Leaves, Fruits, and Flowers in Plant Images
Personal

- Problem Solving: Developed a deep learning model to semantically segment plant images into leaves, fruits, and flowers, addressing a challenge unmet by traditional methods.
- Dataset Creation: Created a manual dataset of 124 labeled plant images, forming the basis for model training.
- Model Building: Utilized Detectron2, a state-of-the-art computer vision framework, for model development.
- Open Sourced: The model is available for open-source use.

Jun 2023

Brain tumor detection using CNN
Personal

- Architecture: Developed a convolutional neural network (CNN) model for brain tumor detection.
- Large Dataset: Trained the model on a dataset of 12,000 MRI images of brain tumors.
- Performanc: Achieved an accuracy of 95% in detecting glioma, meningioma, and pituitary tumors.
- Open Sourced: The model is available for open-source use.

💼 EXPERIENCES

Aug 2023 | Sep 2022

Lead, AI/ML Developer and Designer
Synapse-AI MITADT Club — Part-time

- Worked on projects in AR Web3.0, Machine Learning and Deep Learning
- Showed cross functional support to technical and social media management.
- Designed brand.
- Skills: Machine Learning · Deep Learning · HTML · User Experience (UX) · Graphic Design · Python (Programming Language) · User Interface Design · Node.js

Aug 2023 | Sep 2022

Front End Developer and Designer
IDEATE MITADT Club — Part-time

- Designing and developing front end applications in native and web applications
- Skills: HTML/CSS · ReactJS · Mobile Design · User Experience (UX) · Graphic Design · JavaScript

Dec 2019 | Apr 2021

Cofounder, Mobile App Developer and Designer
Yibe Network — Full-time

- Designed and developed application prototype.
- Participated in Redbull Basement 2020 and stood for global finals.
- Skills: Dart · Flutter · User Experience (UX) · Graphic Design · VFX

📁 CERTIFICATIONS

Jun 2023

Application of Machine Learning in Urban Studies
Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO)

- UID: bee3abcf136d4ca81c23d0e1eb052485

Jun 2023

Transformers: Text Classification for NLP Using BERT
Jonathan Fernandes at Linkedin Learning

- UID: 424f5d68e4e126213441a084a04129dc65c4f0104a07c6d010a6bf53410afc6d

CONTACT INFO

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SKILLS

Collaboration
Attention to Detail

Machine Leaning
Web 3.0

TOOLS

Python
Pytorch
JavaScript
NodeJS
ReactJS