

ASTITVA JAISWAL

STUDENT OF COMPUTER SCIENCE AND ENGINEERING



EDUCATION

Present 2020	BTech Computer Science and Engineering MIT ADT University CGPA 7.60	Pune, India
2020 2017	12th CBSE, AISSCE City International School, Wanowrie 80% CBSE (English, Physics, Chemistry, Mathematics, Biology)	Pune, India
2017 2015	10th CBSE, AISSE Delhi Public School, Pune CGPA 9.4 (English, Hindi, Mathematics, Science, Social Science)	Pune, India



PROJECTS UNDERTAKEN

Sep 2023	Semantic Segmentation of Leaves, Fruits, and Flowers in Plant Images Personal <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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.• Performance: 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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) <ul style="list-style-type: none">• UID: bee3abcf136d4ca81c23d0e1eb052485
Jun 2023	Transformers: Text Classification for NLP Using BERT Jonathan Fernandes at LinkedIn Learning <ul style="list-style-type: none">• UID: 424f5d68e4e126213441a084a04129dc65c4f0104a07c6d010a6bf53410afc6d



CONTACT INFO

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SKILLS

Collaboration
Attention to Detail

Machine Learning
Web 3.0

TOOLS

Python
Pytorch
JavaScript
NodeJS
ReactJS