ABHIJIT DEO

EDUCATION

Birla Institute Of Technology and Science, Goa *2019-2023* (expected)
B.E Electronics and Instrumentation 7.57 / 10

Pace Junior Science College, Dadar,Mumbai *2017-2019*
Higher Secondary Certification
85% in Board Examination and 8057 All India Rank in JEE ADVANCED

EXPERIENCE

SAMSUNG Research Institute, Banglore *July 2022 - Current*
Research Intern
· Working on Multi-Intent Classification with the Voice Intelligence team
· Built a pipeline for data cleaning, processing, training, and evaluation of models suitable to Bixby system.

Government Of Goa *June 2021-Aug 2021*
Data Science Intern, Remote
· Performed Exploratory Data Analysis of Agricultural data and farmers data; Tools used:Numpy, Pandas.

RESEARCH

Bayesian Deep Learning *Jan 2022 - May 2022*
· Worked on Bayesian Graph Neural Networks and Generative tasks as an undergrad researcher at APPCAIR

PROJECTS AND OPEN SOURCE CONTRIBUTION

Vformer *Oct 2021-Present*
Lead Contributor *Code*
· Contributed to the library by implementing Vision Transformer Models like Swin Transformer, Pyramid Vision Transformer, Compact Transformer etc. Library has more than 2.5k downloads and 100+ stars

TorchVision
Contributor *Contributions*
· Integrated Stanford Cars dataset with its dataloader V2 prototype; Added Complete IOU loss function

TECHNICAL SKILLS

Programming Languages	Python , C/C++,Matlab
Frameworks	Pytorch, Numpy, Keras, Tensorflow, Pandas, OpenCV
Tools	Git/Github, HTML, LaTeX, Pytest

OTHER ACTIVITIES

Member
Society for Artificial Intelligence and Deep Learning
· Involved in reading and discussion sessions on artificial intelligence research
· Conducted a course on Introductory on Python and Machine Learning with CTE

RELEVANT COURSE-WORK

Digital Image Processing, Natural Language Processing, Linear Optimization, Object Oriented Programming