

ABHIJIT DEO



EDUCATION

Birla Institute Of Technology and Science, Goa
B.E Electronics and Instrumentation

2019-2023 (expected)

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, Bangalore

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