

# ABHIJIT DEO



## EDUCATION

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**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

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**SAMSUNG Research Institute, Bangalore** July 2022 - Dec 2022  
*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

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**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

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**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** [Contributions](#)  
*Contributor*

- Integrated Stanford Cars dataset with its dataloader V2 prototype; Added Complete IOU loss function

## TECHNICAL SKILLS

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<b>Programming Languages</b>	Python , C/C++,Matlab
<b>Frameworks</b>	Pytorch, Numpy, Keras, Tensorflow, Pandas, OpenCV
<b>Tools</b>	Git/Github, HTML, L <sup>A</sup> T <sub>E</sub> X, Pytest

## OTHER ACTIVITIES

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**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

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