

# ABHIJIT DEO



## EDUCATION

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**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

**Rajapur Highschool Rajapur**

2014-2017

Secondary School Certification

97.40% in Board Examination

## EXPERIENCE

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**Government Of Goa**

June 2021-Aug 2021

*Data Science Intern, Remote*

- Performed Exploratory Data Analysis of Agricultural data and Farmers Data.
- Tools used: Excel, Matplotlib, Numpy, Pandas.

## RESEARCH

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**Bayesian Deep Learning**

Jan 2022 - May 2022

- Working as an undergrad researcher at APPCAIR
- Studying Generative Models with Bayesian Neural Networks

## PROJECTS AND OPEN SOURCE CONTRIBUTION

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**Vformer**

Oct 2021-Present

*Lead Contributor*

[Code](#)

- A Modular PyTorch library for Vision Transformers.
- Contains implementations of prominent ViT architectures broken down into modular components.
- Contributed to the library by implementing Vision Transformer Models like Swin Transformer, Pyramid Vision Transformer, Compact Transformer etc.

**TorchVision**

*Contributor*

[Contributions](#)

- Integrated Stanford Cars Dataset to TorchVision.
- Added Complete IOU loss function

## TECHNICAL SKILLS

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**Programming Languages**

Python, Java, C/C++,Matlab

**Frameworks**

Pytorch, Numpy, Keras, Tensorflow,Pandas OpenCV

**Tools**

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
- Contributed to open source projects like VFormer

## RELEVANT COURSE-WORK

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### University

Digital Image Processing, Natural Language Processing, Optimization,  
Reading Course On Generative Adversarial Networks(GANS),  
Object Oriented Programming ,Meta Learning <sup>a</sup>

### Online

GANs Specialization(Coursera), Tensorflow Developer Certification(Udemy)

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<sup>a</sup>Auditing