

# ABHIJIT DEO

+91 9869202194

in   

## 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

**Rajapur Highschool Rajapur**

2014-2017

Secondary School Certification

97.40% in Board Examination

## EXPERIENCE

---

**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

---

**Bayesian Deep Learning**

Jan 2022 - present

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

## PROJECTS AND OPEN SOURCE CONTRIBUTION

---

**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*

- Integrated Stanford Cars Dataset to TorchVision.
- Involved in new prototype implementation of Datasets.

## TECHNICAL SKILLS

---

**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

---

### 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

---

### 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)

---

<sup>a</sup>Auditing