

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

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 - May 2022

- 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

[Contributions](#)

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

TECHNICAL SKILLS

Programming Languages

Python, Java, C/C++,Matlab

Frameworks

Pytorch, Numpy, Keras, Tensorflow,Pandas OpenCV

Tools

Git/Github, HTML, L^AT_EX, 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 ^a |
| Online | GANs Specialization(Coursera), Tensorflow Developer Certification(Udemy) |

^aAuditing