

ABHIJIT DEO

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EDUCATION

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

2019-2023 (expected)

Pace Junior Science College, Dadar, Mumbai
Higher Secondary Certification
85% in Board Examination and 8057 All India Rank in JEE ADVANCED

2017-2019

Rajapur Highschool Rajapur
Secondary School Certification
97.40% in Board Examination

2014-2017

EXPERIENCE

Government Of Goa
Data Science Intern, Remote

June 2021-Aug 2021

- 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
Lead Contributor

Oct 2021-Present

[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
Frameworks
Tools

Python, Java, C/C++, Matlab
Pytorch, Numpy, Keras, Tensorflow, Pandas OpenCV
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