ABHIJIT DEO

+91 9869202194

EDUCATION

Birla Institute Of Technology and Science, Goa *2019-2023* (expected)
B.E Electronics and Instrumentation

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, LaTeX, 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)

[a] Auditing