



Nitin kumar

Data Scientist
Doctoral Fellow

Education

- PhD(Submitting) from JNU
- Masters in Integrated Sciences & Computational Biology from JNU
- Bachelors in Botany from DU

Technical Expertise

- Python, TensorFlow, Core ML
- LiteCaffe2Go
- PySpark, pyTorch
- Scientific Research
- SQL, Text-mining, NLP
- FreeBSD, HPCF, Linux Storage Server
- Chatbot, Tweepy, Crossref,

Experience

- Deep Learning Model: Object identification to automate surgery workflow
- Augmented Reality to manipulate video in real-time
- Development of the largest Full-text scholarly article in-house TDM Resource ,JNU
- Setting up Database of NER tagged Disease and Organism from the largest Full-text Corpus., JNU
- Setting up the largest personal FreeNAS Storage with Tier Distributed Data Policy, JNU
- Crowd annotation project for extracted image Dataset, JNU
- Benchmarking the Image classification VGG16, MobileNetV2, DenseNet169, InceptionV3 deep learning models for the Covid-19 chest x-ray dataset, JNU
- **Identification of suicidal markers from suicide notes for Dept Of Forensic Medicine & Toxicology, AIIMS**
- Realtime Tuberculosis(TB) identification using Twitter Streams for GIS epidemic prediction, JNU
- Development of command-line tool for Network Analysis available as pip package, JNU
- Mentored masters Dissertation Student for last 3 years for domain variable projects. JNU

Strengths

- Solution to problems
- Fast Learner & Positive Attitude
- English, Philosophy

Previous Employment

- Senior Researcher, JNU
- Junior Research Fellow, JNU
- Public Resource Fellow at public.resource.org