

S.A NAZREEN

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EDUCATION

IIIT, Delhi

PhD, 2022-present
CGPA* : 8.83

University of Hyderabad

Integrated M.Tech in CS, 2020
CGPA: 7.41/10

IES Public School,Kerala

CBSE Class 12th
Grad. 2014
Percentage: 93.6

SNVB,Kerala

CBSE Class 10th
Grad. 2012
CGPA: 10/10

SKILLS

Languages/Libraries:

C/C++, Python/PyTorch, PySyft(FL Library), LaTeX, MATLAB

Operating Systems:

Linux, Windows

AREA OF INTEREST

Federated Learning
Federated/Distributed
Optimization
Machine Learning

01.19.2023

WORK EXPERIENCE AND PROJECTS

Junior Research Fellow-Research Associate (Sep'21-Dec-'21)

IIIT Delhi, Guidance: Dr Ranjitha Prasad
Working on a DST-SERB funded project " Personalised Federated Learning ".

Research Associate (Sep'20-Jun'21)

Machine Intelligence Unit, Indian Statistical Institute, Kolkata, Guidance : Prof. Ashish Ghosh
Worked on the project " Hardware trojan detection on PCB using x-ray images" (DRDO funded) from september 2020 - june 2021 as a representative from IDRBT. Worked specifically on 3D Image Reconstruction and Image Stitching. Language used : MATLAB.

Reversible Data Hiding in Color Images(Mar'19-Aug'20)

Centre for excellence in Cyber Security,
IDRBT,Hyderabad,Guidance:Dr.Rajarshi Pal
Final year project was carried out to bring up a novel method of reversible data hiding in color images. Existing methods are mainly carried only in grayscale images. The project is carried out in MATLAB.

Cyber Drills in IDRBT,Hyderabad(2019)

I have took part in periodical cyber drills conducted by IDRBT for participating banks across India.

Data Mining Project(2018)

Churn prediction (Classification) and Multiple regression problems were solved using data mining techniques. Tools like Weka, Orange and Python were used.

Website for Sociology Dept(2017)

Department of Sociology, UoH

ACHIEVEMENTS

UGC-NET Qualified

Qualified for Assistant Professor

Dec 2019

Percentile:98.80

GATE Qualified

2019