

ANNAPOORNA SAI SRIRAM MANDALIKA

+91 9963426596 ◇ Chennai, TN

mc9991@srmist.edu.in ◇ [LinkedIn](#) ◇ [Personal Website](#)

OBJECTIVE

I am actively looking for an internship position in AI, Deep Learning Computer Vision and Robotics.

EDUCATION

Bachelor of Technology, SRM University

2021 - 2025*

Computer Science and Engineering with specialisation in AI and ML

SKILLS

Technical Skills Python, R(Basic), Basic SQL, MATLAB, AWS

Machine Learning Neural networks, GANs, Computer Vision, supervised and unsupervised learning.

Robotics Machine Vision, Autonomous Vehicles.

Tools Jupyter, Git/Github and LaTeX.

EXPERIENCE

Research Intern

Dec 2023 - Jan Present

IIT Hyderabad

Hyderabad, TS

Supervisor: **Dr. C Krishna Mohan**

Investigated and implemented IoT-based optimisation function called DONE (Distributed Optimization with Nonlinear Equality Constraints) for solving a classic image classification problem by utilising a Federated Learning approach using nodes on multiple model architectures including a pre-trained DenseNet-121, and custom models ResNets. Currently working on a custom loss function for generalised computer vision tasks.

Undergraduate Researcher

Jan 2022 - Present

SRM University, Kattankulathur

Kattankulathur, TN

Supervisor: **Dr. Athira. M. Nambiar**

Working on active Learning with viewpoint entropy for semantic segmentation and deep interactive and active learning for semantic segmentation in remote sensing.

Research Intern

Mar 2022 - Jun 2022

IIT Hyderabad

Hyderabad, TS

Supervisor: **Dr. C Krishna Mohan**

Worked on Image classification problem using Neural-networks for Stochastic Gradient Descent (SGD) optimization for better accuracy. Prepared a custom image classification model using Python that is four layers and in PyTorch with eighteen layers and analysed the results.

EXTRA-CURRICULAR ACTIVITIES

RD Head

Jan 2023 - Present

IEEE SRM SB

Advising and guiding students to research procedures, improving their skills and mentoring for their projects. I am also building a project with other members based on deep learning. I am also involved in teaching students about Computer Vision and Robotics.