








Sarath A S

Passionate about developing, understanding and interpreting data and excel in a high pressure, fast paced environment.

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 <https://srrtth.github.io/>
 srrtth
 srrtth

EDUCATION

Bhavans Vidya Mandir, Poochatty
Higher Secondary

Thejus Engineering College (01 June 2019 - 01 June 2023)
B.Tech, Computer Science and engineering

WORK EXPERIENCE

Motify Innovations Pvt Ltd (30 April 2021 - 01 November 2021)
Web Developer

- Front-end development on an educational website
- Working with the senior developer in data collection and analysis
- HTML, CSS

 <https://www.motify.in/>

Freelance
Project Engineer

- Successful student guidance: in project completion and guidance.
- Technical expertise and communication: Leveraging skills to facilitate learning.
- Transformative project contributions: Seeking opportunities to drive impactful initiatives.

PROJECTS

Resource Efficient Decision-based Attack for Machine Learning

A state of the art Attack for ML models in python that perturbrates Datasets and misclassifies the output of the model

- In-depth study: CNN models, machine learning, neural networks, Tensorflow, Numpy, Matplotlib. MatLab
- A technique for robust, secure CNN - ML models, Advaserial attack identification.

 <https://github.com/srrtth/RED-Attack-Resource-Efficient-Decision-based-Attack-for-Machine-Learning>

HAR-Wi

Revolutionary Human activity recognition using WIFI signals

- ML Classification Algorithms (SVM): SVM for human activity recognition using WiFi signals and CSI data analysis.
- Wireless Vision HAR System: Behind wall, See through walls using Wifi Signals
- Networking and Embedded Systems: socket programming with C, C#, Networking

SKILLS

Full Stack Development

- Backend: Python
- Frontend - Bootstrap 5, HTML, CSS, Javascript
- Framework: Django
- Database: PostgreSQL

Programming

- Languages: Python, C++ (OOPs), C

Machine Learning

NumPy, Pandas, Matplotlib, TensorFlow

IDEs

Pycharm, Visual Studio Code, Jupyter Notebook, Google Colab



CERTIFICATIONS

Python
HackerRank

SQL (Advanced)
HackerRank

IoT using Node MCU
Intent India

REFERENCES

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