

Sarath A S

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



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Education

Bhavans Vidya Mandir, Poochatty	-	Thejus Engineering College
Higher Secondary	Computer Science and engineering	2019-06-01 - 2023-06-01
	6.88	B.Tech

Experience

Motify Innovations Pvt Ltd

Web Developer

🌐 <https://www.motify.in/>

- Front-end development on an educational website - Working with the senior developer in data collection and analysis - HTML5, CSS, javascript.

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

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

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

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

References

Dr. Suresan Pareth

HOD Computer and Science engineering, Thejus Engineering College

Skills

Full Stack Development

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

IDEs

Pycharm, Visual Studio Code, Postman, Jupyter Notebook, Google Colab

Programming

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

Certifications

Python

HackerRank

SQL (Advanced)

HackerRank

IoT using Node MCU

Intent India