Rohit Narayanan M

📍 Mudapilapilly Madom, 690540 Kollam, India

📞 7012628201

in Rohit Narayanan M

⬦ RohitNarayananM

✉ rohitnanu.m@gmail.com

📅 18/06/2003

○ RohitNarayananM

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👤 PROFILE

B.Tech undergraduate interested in cyber security working towards a safer and brighter future. Also interested in the fields of Artificial Intelligence and Machine learning.

🧠 SKILLS

Programming
Python, Java, C++, C, Go, Javascript

Web development
HTML, PHP, Flask, NodeJS, Express

Databases Management
MYSQL, SQLite, PostgreSQL, MongoDB, NoSQL

Machine Learning
Numpy, Keras, Tensorflow, PyTorch, PyTesseract

Soft Skills
Leadership, Team player, Problem Solving, Adaptability

Other skills
Git, bash, Algorithms, Data Structures

💼 EXPERIENCE

Web Application Security Analyst, *Team bi0s* ↗
08/2020 – present | Kollam, India
It is a team of college students from Amrita university, passionate about cyber security, and dedicated to protect tomorrows cyberspace.

🎓 EDUCATION

Artificial Intelligence Engineering,
B.Tech Amrita Vishwa Vidyapeetham ↗
2020 – present | Kollam, India
CGPA: 8.54

Higher Secondary Education, *VGSS Ambikodayam HSS*
2018 – 2020 | Kollam, India
Percentage: 97.5

Higher Education, *VGSS Ambikodayam HSS*
2013 – 2018 | Kollam, India
Percentage: 95

🏅 ACHIEVEMENTS

DomeCTF 2022 Winner, *Kerala Police Cyberdome* ↗
09/2022
Cybersecurity based Capture The Flag competition organized as a joint venture by Kerala Police Cyberdome and Beagle Security at c0c0n XV to solve the gamified challenges in cyberspace.

📁 PROJECTS

Intrusion detection robot using ROS ↗
06/2022
In our Project, we use Raspberry Pi in combination with ROS to design Four wheeled security Robot that can be controlled by using a laptop or we can just give a predefined path to the robot.

File Sharing
06/2022
This is a web app built using Next.js and Flask. This app lets users share files within the same network

Data-Compression-LZW ↗
12/2021
Here we have implemented a small desktop application using LZW, which could compress text and image files.

Handwritten Digit Recognition ↗
12/2021
This project presents recognizing the handwritten digits (0 to 9) from the famous MNIST dataset. Handwritten digit recognition is the solution to this problem which uses the image of a digit and recognizes the digit present in the image.

Regression using ADMM on high dimensional dataset ↗
11/2021
We implemented ADMM based and regular Lasso and Ridge regression models using python. We made a comparative study of these models on the provided datasets.

🔖 CERTIFICATES

Natural Language Processing with Classification and Vector Spaces ↗
(DeepLearning.AI)

Python - Basics ↗ (Hackerrank)

🎯 INTERESTS

Cyber Security | Artificial Intelligence | Machine Learning

🌐 LANGUAGES

Malayalam
Read, Write, Speak, and Understand

English
Read, Write, Speak, and Understand

Hindi
Read, Write, Speak, and Understand

Sanskrit
Read, Write, Speak, and Understand

Tamil
Speak, and Understand