

SAI KRISHNA MAHANKALI

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EDUCATION

Old Dominion University

Masters' in Computer Science - **CGPA - 4.0**

08,2021 – 08,2023

Virginia, USA

Vardhaman College of Engineering

BTech. - Electronics and Communication Engineering

08,2015 – 07,2019

Hyderabad, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Computer Architecture
- Computer Networks
- Database Management System (DBMS)
- Computational Methods and Software
- Human-Computer Interaction
- Data Science and Analytics
- Malware Analysis and Forensics

PROJECTS

Grape Leaf disease detection using SVM Classifier | Matlab

02,2019

- This project is intended to aid in the detection of disease in a grape leaf using SVM classification technique. We extract features such as shape, color and texture of the leaf and use segmentation method to identify the affected part of the leaf.

CPU Temperature | Python

12,2020

- The program takes the values of temperature readings from the input file provided by the user at the command prompt and generates global linear least-squares approximation and piece-wise linear interpolation for the provided input file. Python 3.8 had been used for the project.

EXPERIENCE

INTERNSHIP

Research Centre Imarat

06,2018 – 07,2018

Industrial Trainee

Hyderabad, India

- We worked on a device called Ring Laser Gyroscope in Embedded Systems. The device acts as a GPS and is used in missiles for navigating to the desired destination

ConnxAI

Cloud Based Services

08,2019 – 08,2021

Level-2 Networking Engineer

Hyderabad, India

- I worked as a full time level-2 Computer networking Engineer and I have Hands-on experience with SDWAN technology. We Dealt with network troubleshooting in live commercial/retail stores. We also effectively collaborated with ATT on-site team to resolve hardware/cable issues.

Old Dominion University

Institution

08,2021 – 04,2022

Graduate Teaching Assistant

Virginia, USA

- I work as an instructor and grader for Data Analytics and Big Data.

TECHNICAL SKILLS

Languages: Python, HTML, CSS, JavaScript, SQL, NoSQL, Hive, Spark.

Developer Tools: Linux, VS Code, GitHub, MS Office, Matlab.

Technologies/Frameworks: SD-WAN(Software Defined Wide Area Network), Computer Networks, Networking Security, VMWare, Embedded Systems.

EXTRACURRICULAR

Indian Students' Association

08,2021 – 08,2022

Cultural Secretary

Old Dominion University

- I organize, manage and coordinate the events.

CERTIFICATIONS

- Introduction to Programming using Python
- Ethical Hacking Workshop
- Embedded Systems Intern Certificate
- Institute for Electronics and Telecommunication Engineers' Workshop Certified