

# SHIVANI MARPADAGA

Norfolk, Virginia | (689) 276-8648 | smarp002@odu.edu

## EDUCATION:

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### Masters in Computer Science

Old Dominion University Norfolk, Virginia.

Jan 2023 - Present

Courses - Data Visualization, Foundations Of Computing, Computer Architecture,  
Natural Language Processing, Algorithms and Data Structures.

### Bachelors in Computer Science

Sreyas Institute of Engineering and Technology, India.

July 2018 - July 2022

Courses – Machine Learning, Artificial Intelligence, Cyber Security, Data Mining  
and Operating Systems.

## EXPERIENCE:

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Working as a Student Ambassador in Strome Center for Entrepreneurship and Innovation at Old Dominion University. My duties include:

- Conducting workshops and Events.
- Hosting the Entrepreneurs.
- Giving presentations in public to motivate students for their startups.
- Helping students promote their products.

Sept 2023 - Present

## QUALIFYING EXAMINATIONS:

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GRE: 304

IELTS : 7.0 (Reading: 7.5, Listening: 7.5, Speaking: 6.5, Writing: 6)

## SKILLS:

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Programming Languages : C, C++, JAVA, Python, Kotlin

Web Technologies : HTML, CSS, PHP, JSP

Applications : Android Studio

Computer Skills : MS Word, Power Point and Excel

## ACADEMIC PROJECTS:

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### Algorithm Visualizer

- Designed a web application which visualizes algorithm from code. It uses dynamic graphics to visualize computation of a given algorithm.
- I used Java Script for implementing the functionality of the application.
- Designed the web page using HTML and CSS.

### Crop Weed Identification System

- Designed this project using Deep Learning technique which works like an intelligent system just like human brains .
- I used Python programming language as backend, implemented the separation of weed from the crop using K-means algorithm, Linear Iterative Clustering and Segmentation based CNN .

## ACTIVITIES AND INTERESTS:

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- Enjoy Attending and Participating in the Presentations.
- Never-ending thirst to learn and explore the intricacies of new concepts.
- Always ready to implement innovative ideas with enthusiasm.
- An ability to learn quickly and adapt to circumstances and keep on improving.