

## **CONTACT**

PHONE:(+91)-9445172739

EMAIL:

seyshivma@gmail.com  
madhumitha18086@cse.ssn.edu.in

## **RESEARCH PAPERS**

- Presented a paper titled "Reliability Analysis for QZSI" in ECAST 2020 virtual conference

and was awarded the "Best Paper" award.

- Presented a paper titled "Reliability Examination of solar based QZSI" in ICRES 2020 and abstract to be published in Springer proceedings.
- Co-authored a book chapter titled "Challenges of Developing AI Applications in the Evolving Digital World and Recommendations to Mitigate Such Challenges: A Conceptual View" in the book titled "Confluence of AI, Machine and Deep learning in Cyberforensics" published by IGI global.

## **EXTRA CURRICULAR**

- Article writing: Won state level award at an essay writing event on National Developmental Agenda
- Nominated for Author of the week by StoryMirror
- Current affairs
- Bibliophile

## **VOLUNTEER**

NSS VOLUNTEER-(2018-present)

# **MADHUMITHA S**

PRE-FINAL YEAR CSE UNDERGRAD

*A passionate Computer Science Undergrad who loves to learn new things and explore. A person who always loves work and likes to work on innovative solutions for real-world problems*

## **WORK EXPERIENCE**

### **Research Intern**

*BHAVINI(A Govt of India Enterprise)|Aug 2020-Present*  
Project work on estimation of Rotor Resistance using Artificial Neural Networks.

### **Project Associate**

*HillGrove Research Pvt. Ltd|May 2020-Present*

Project work on a Software for medium scale hospitals for automization of the conventional procedures and consultancies.

## **EDUCATION**

### **SSN College of Engineering(Autonomous)**

*Bachelor of Engg(B.E.)(CSE)*

- CGPA(4th sem): 9.621

Major GPA:9.875

## **PROJECTS**

### **Reliability Assessment of QZSI-Inverter**

*2018-19*

- Mathematics based project that focusses on reliability assessment for any given equipment using Binary Decision Diagrams and Fault Tree Analysis.

### **Early warning and Prediction system for prevention of Human Animal conflict near fringes of forest**

*2019-2021*

A pre warning system that warns the local residents about the sightings of elephants in their neighbourhood and employs methods to drive away these animals without harming them physically/mentally.

## **SKILLS**

C, Java, Python3, MATLAB, HTML,CSS, TensorFlow, Keras

## **COURSES**

Deep Learning with TensorFlow- Coursera

Social Networks-NPTEL-(Elite+Gold)

Deep Learning -Coursera

MATLAB onramp

Machine Learning for Computer Vision-MeITy(Govt of India)

Deep Learning for Computer Vision-MeITy(Govt of India)

.....