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SUMMARY

My career objective is to explore various technologies and work on socially relevant problems to provide scalable, affordable and sustainable solutions. Highly motivated and eager to learn new things, strong motivational and leadership skills, ability to produce the best result in pressure situations, able to work as an individual as well as in a group. I am currently looking for a CO-OP/Internship for summer 2023.

EDUCATION

Michigan Technological University | Houghton, MI
M.S Data Science | GPA - 3.66

Expected May 2024

New Horizon College of Engineering | Bangalore, India
B.E Information Science and Engineering | GPA - 3.62 (CGPA - 8.81)

Aug 2018 - Aug 2022

INTERNSHIP

Aeronautical Development Establishment (ADE), DRDO | Bangalore, India
Software Engineer Intern

Feb 2021 - Apr 2021

Project: 'Real time Analysis of flight and ground systems parameters and report generations'

- Created a module in the existing software to collect, analyze and generate reports on the data collected from the unmanned aerial vehicle (UAV).
- Created a User Interface for the system officer to work efficiently from the ground control system (GCS)
- Modified the parameters module according to the flight officer and system officer's selection.

PROJECT EXPERIENCE

Project: Spam Classifier using Naive Bayes Algorithm.

Aug 2019 - Dec 2020

- Project aimed at importing datasets, data preprocessing and splitting them into training and testing datasets.
- The model was trained using the Naive Bayes algorithm to classify the data and to compute the accuracy.

Project: Pneumonia Detection using Deep Learning

Jan 2022 - Jul 2022

- Project aimed at Image preprocessing and using algorithms to detect patients with pneumonia using the CNN algorithm.
- The dataset consisted of X-ray images of potential patients who might have pneumonia.
- The number of pneumonic patients was computed by training the dataset using libraries such as OpenCV, Keras and TensorFlow where the change in the size of the lungs was detected.

COMPUTER and TECHNICAL SKILLS

Python | R | SQL | Tableau | CNN | ML Algorithms | CSS | Data Visualization | Problem solving | Statistics | MS Office | React Native | C | C++ | HTML |

LEADERSHIP

Captain, NHCE Basketball team (3 years)

2019 - 2022

Vice President, i-SWET club (i-Students working on emerging Technology)

2019 - 2020

President, Student Governing Council (SGC)

2017 - 2018

Vice President, Student Governing Council (SGC)

2016- 2017

WORK HISTORY

Sports Content Writer, Sportelos GameOn, Bangalore, India

Sep 2020 – Feb 2021

Campus Ambassador, Lowe's India, Bangalore, India

May 2019 – May 2020

INTERESTS

Basketball | Taekwondo | Blogging | Gaming | Traveling | Music