Nachammai Devi Pooja .S

Computer Science Student

Self-motivated Computer student seeking an opportunity in a good organization where my potentials will be fully discovered while working for the company dedicatedly. In possession of strong communication, fast learning abilities and commitment to succeed.Aiming to grow and excel in Data Science and Web Development sector.

✉ poojanachammai@gmail.com

📱 9941330536

📍 Chennai, India

🌐 nachammaipooja.github.io/

in linkedin.com/in/nachammai-devi-pooja

○ github.com/NachammaiPooja

EDUCATION

Bachelor of Engineering, Computer Science
SSN College of Engineering, Chennai ⬈

08/2018 - Present   *CGPA-8.93*

12th standard
D.A.V Matriculation Higher Secondary School, Chennai

06/2016 - 03/2018   *97.5%(SCHOOL FIRST)*

10th standard
Vidhya Mandir Sr Sec School

06/2015 - 03/2016   *CGPA-10*

PERSONAL PROJECTS

Driver Assistance System using IoT and OpenCV (08/2019)
- This project detects driver fatigue or drowsiness using a mechanism analyzing the human eye continuously using image-processing tools.It also helps in detecting alcohol and whenever an accident occurs,location of the vehicle is sent to the concerned persons using IOT.
- OpenCV- Haar Cascade, Python Integrated Modules, Android App, Firebase.

The Best Classifier - Machine Learning (07/2020)
- In this project we load a data set using Pandas library, and apply the necessary algorithms, and find the best one for this specific data set by accuracy evaluation methods.

Sign Language Recognition - Deep Learning (04/2021)
- This Project identifies the sign-language alphabet from the live video captured and appedns it to a word. Once the sentence is complete, It can be read out loud using play button
- OpenCV - Capturing Live stream video and display results, self-generated data set is used for training Tensorflow -Keras - NASNET-Mobile module for feature extraction ADAM - Optimizer, LabelEncoded output CNN for Classification

Airline Reservation System (04/2021)
- This project is built to demonstrate the reservation system. It has features for customer ,agent and admin.
- We have used HTML for front-end and for back-end Flask is used with MongoDB for database.

Breast Cancer Classification using SVM and K-Means (02/2021)
- In this project we load dataset and classify whether it is malignant or benign by applying necessary algorithm.
- This has been implemented using both SVM and K-Means clustering.

SKILLS

Data Science   Python   JAVA   C   C++   Jupyter notebook   Web Development   Big Data   Machine Learning   DBMS   SQL

ACHIEVEMENTS

School First in 12th Std (2018)
School Topper for the year 2018 in D.A.V School.

Completed B.A Hindi in Distinction (08/2012 - 02/2015)
Completed B.A Hindi in Dakshin Bharat Hindi Prachar Sabha.

College funded Project
Collaborated with team of 4 in the development of Driver assistance system which was approved and funded by our college

Research Publication
"Driver Assistance System using Raspberry Pi and Haar Cascade Classifiers," 2021 5th International Conference on Intelligent Computing and Control Systems (ICICCS) , 2021, pp. 1729-1735, doi: 10.1109/ICICCS51141.2021.9432361.

ORGANIZATIONS

SSN mail ID: nachammaidevipooja18096@cse.ssn.edu.in

University Register No: 185001096

CERTIFICATES

Machine Learning with Python (07/2020) ⬈

Software Testing - NPTEL (09/2020) ⬈

Data Visualization with Python (03/2020) ⬈

Programming in C Language (05/2020) ⬈

Specialization in IBM Data Science (08/2020) ⬈

HTML (09/2020) ⬈

LANGUAGES

Tamil
Native or Bilingual Proficiency

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Sanskrit
Professional Working Proficiency