Nachammai Devi Pooja .S

Computer Science Student

Self-motivated,diligent computer science student with a strong desire to learn and contribute to technological advancements. I am a team player with good interpersonal,management and organizational skills with a knack for problem solving. Aiming to grow and excel in Data Science,Software and Web Development sector.

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📍 Chennai, India

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📱 9941330536

🌐 nachammaipooja.github.io/

github.com/NachammaiPooja

EDUCATION

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

08/2018 - Present　　　　　*University Register No: 185001096*
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 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, RaspberryPi, Sensors, Android App

Breast Cancer Classification using SVM and K-Means (07/2020)
- In this project we load a data set using Pandas library, and apply the necessary algorithms to classify whether given tumor is malignant or benign.

Sign Language Recognition - Deep Learning (04/2021)
- This Project identifies the sign-language alphabet from the live video captured and appends it to a word. Once the sentence is complete, It can be read out loud using play button
- OpenCV , Self-generated data set, NASNET-Mobile module for feature extraction,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.
- HTML (front-end) and Flask(back-end) is used with MongoDB database.

WORK EXPERIENCE

Intern
Indium Software

07/2021 - Present　　　　　*Chennai*
It is a technology services consulting company with deep expertise in Digital and QA services
Tasks
- Designed Front-end Webpage
- Learnt to implement ML techniques in a team

SKILLS

Python　HTML　JAVA　C　Data Science
Jupyter notebook　Web Development
Big Data　Machine Learning　scikit-learn
DBMS　SQL　Pandas　CSS

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.

Event Management Head - ACM Student Chapter
Organized and managed many workshops with my team

CERTIFICATES

Machine Learning with Python (07/2020) ⤢
Obtained through coursera

Software Testing - NPTEL (09/2020) ⤢

Data Visualization with Python (03/2020) ⤢
Obtained through coursera

Programming in C Language (05/2020) ⤢
Obtained through udemy

IBM Data Science Specialization (08/2020) ⤢
Professional Certificate obtained through coursera by completing 10 courses

HTML (09/2020) ⤢
Obtained through coursera

LANGUAGES

Tamil
Native or Bilingual Proficiency

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Sanskrit
Elementary Proficiency