Aravind P

aravind18021@cse.ssn.edu.in

+91 9842752134 Aravind1411 Aravind P

EDUCATION

- **SSN College of Engineering**
  Bachelor of Engineering
  CGPA:8.45 (Sem 5)
  2018-Present

PROJECTS

- **Advanced Driver Assistance System**
  Detects drowsiness of the driver using OpenCv.Detects alcohol content.When accident occurs,location of vehicle is sent to concerned persons using IOT.
  Python,OpenCV,RaspberryPi,Android applicatioin

- **Plant Disease classification using CNN**
  Developed a deep learning model using Convolutional neural networks to identify the category of foliar diseases in apple trees.
  Python,Tensorflow,Keras,OpenCV

- **REC-Route Web App**
  Web application built to facilitate company to hire candidates and candidates to apply for different jobs.
  Backend:Python,FLASK,Sqlite,SqlAlchemy
  Frontend:HTML,CSS,Javascript

- **Customer Churn Predictor**
  Developed a churn prediction model which assists banks to predict customers who are most likely subject to churn.
  Scikit-learn,Matplotlib,Pandas,Random Forest,Boosting

EXPERIENCE

- **Machine Learning Intern**
  Verzeo
  Developed a model to detect fraud customers to predict approval of credit cards.
  Worked on exposing the best combination for strategy games available in the app store to get a good user rating.
  Feb 2020-April 2020

PUBLICATIONS

- **Driver Assistance System Using RaspberryPi and Haar Cascade Classifiers**
  5th International Conference on Intelligent Computing and Control Systems (ICICCS 2021)

SKILLS

- **Programming Languages**
  Python,C,Java,SQL,HTML,Javascript

- **Data structures and algorithms**
  Linked list,Stack,Queue,Trees,Graphs

- **Machine Learning**
  Regression,Classification,Clustering,Boosting,Neural networks

- **Frameworks and libraries**
  FLASK,Tensorflow,Keras,Scikit-learn,Pandas,Seaborn,Matplotlib

- **Database management**
  JDBC,MySql,Sqlite,Sqlalchemy

OTHER HIGHLIGHTS

- Qualified GATE CS 2021

- Qualified Google CodeJam 2021

- Top 25%-Codewars 2021 an inter college coding competition conducted by SVCE College of Engineering

- Appeared in final round of Cascade Cup Data Science challenge conducted by IIT Guwahati

Volunteer Experience

- Active Volunteer in Youth Red Cross organization and conducted several in-campus activities,beach cleaning and road rallies.

- Organized Paper presentation technical event in my college symposium SSN INVENTE 2021