



Aravind P

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EDUCATION

- **SSN College of Engineering**

Bachelor of Engineering

CGPA:8.45 (Till 5th semester)

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 application

- **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