# Aravind.P

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**i** Born on *14 November 2000 (Age : 19)*

## 💼 SUMMARY

A hardworking computer science enthusiast currently pursuing my bachelors in Computer Science and Engineering from SSN College of Engineering. I love to play with data and interested in the fields of Machine Learning and Data Science. I would like to work in the aforementioned fields to develop real word solutions.

## 🎓 EDUCATION

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|---|---|
| **SSN College of Engineering, Chennai** | 2020* |
| Bachelor of Engineering, Computer Science | Current GPA : 8.1(Semester III) |
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| **Sri Ramakrishna Boys Matric Hr.Sec School, Perambalur** | 2018 |
| 12th Standard | 94.8% |
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| **Sri Ramakrishna Matric Hr.Sec School, Perambalur** | 2016 |
| 10th Standard | 98.4% |

## 💼 EXPERIENCE

| | |
|---|---|
| April 2020<br>January 2020 | Macine Learning Intern, VERZEO, Chennai<br>  ❯ Worked as a team member and solved real world machine learning problems such as **Customer fraud detection** and exposing the **best combination for strategy games** available in the appstore to get a good user rating.<br>`scikit-learn` `pandas` `numpy` `matplotlib` `seaborn` |

## ≡ SKILLS

| | |
|---|---|
| Programming Languages | Python 3., C, Java |
| Frameworks | scikit-Learn, Matplotlib,Pandas,Flask,Numpy,seaborn,scipy |
| DataBase Systems | Oracle Database,JDBC |
| Integrated Development Environments | Jupter notebook,Spyder,Visual Studio Code,Netbeans |

## 🖥 PROJECTS

**ADVANCED DRIVER ASSISTANCE SYSTEM USING IOT AND OPENCV**    2019 - In Progress

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. This project has been approved and is being funded by my college.

`OpenCv` `IOT` `raspberry-pi` `HTML` `CSS` `Javascript`

**CUSTOMER FRAUD DETECTION**    2020

This project uses machine learning to create models for fraud detection that are dynamic, self-improving and maintainable so that they can predict the likelihood of incoming transactions being fraudulent or not.

`machine-learning` `feature-selection` `jupyter notebook` `scikit-learn` `pandas` `seaborn` `numpy`

**CRUISE SHIP MANAGEMENT SYSTEM**    2020

This application enables the customers to perform ticket operations by sitting at their home.With this system, the brick and mortar structure of traditional ticket booking at counters gets converted into a click and portal model, thereby giving a concept of virtual ticketing a real shape. This software is meant to overcome the drawbacks of the manual system.

`Java` `Netbeans` `Oracle JDBC` `GUI`

### CREDIT CARD APPROVAL PREDICTION                                          2020

This project builds a credit card approval predictor using machine learning techniques, just like the real banks do

machine-learning   logistic-regression   jupyter notebook   scikit-learn

### HOSTEL MANAGEMENT SYSTEM                                                 2019

The hostel management system (HOMASY) was designed to provide a computerized reliable process through the use of Java computer programming language implemented with GUI to help both the students and the staff in charge of the registration and hostel management processes.

Java   GUI   Netbeans

## 📒 COURSES COMPLETED

### MACHINE LEARNING WITH PYTHON                                            2020
https://github.com/Aravind1411/Certificates/blob/master/Coursera%2024C57KL9KQVW.pdf
Offered by IBM on coursera

scikit-learn   pandas   numpy   matplotlib   supervised   unsupervised

### INTERNSHIP CERTIFICATE                                                  2020
https://github.com/Aravind1411/Certificates/blob/master/internship%20certificate.jpg
Offered by Microsoft authorized education partner Verzeo

machine-learning

### SUPERVISED LEARNING WITH SCIKIT LEARN                                   2020
https://github.com/Aravind1411/Certificates/blob/master/certificate_supervised_learning.pdf
Offered by Datacamp

scikit-learn

### MANIPULATING DATAFRAME WITH PANDAS                                      2020
https://github.com/Aravind1411/Certificates/blob/master/certificate.pdf
Offered by Datacamp

pandas

### ADVANCED PYTHON                                                         2020

Cleared the python assessment conducted by HackerRank

python   OOPS   list-comprehension

## ➕ EXTRA CURRICULAR

**Youth Red Cross**                                                      *2018-Present*
Active Volunteer