

# SHOBIKA R

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## Education

Thiagarajar College Of Engineering, Madurai

MSc.DATA SCIENCE (CGPA - 9.11)

2019 - 2024

SBOA Matriculation and Higher Secondary School, Madurai

XII in Biomaths (70%)

2019

SBOA Matriculation and Higher Secondary School,Trichy

X (95.4%)

2017

## Previous Intern

Lions Aravind Institute of Community Ophthalmology (LAICO)

Madurai,India

*This project is aimed at developing a robust database management system for patient feedback data. This includes data collection, data storage, data retrieval and data visualization.*

## Projects

Airline Reservation System , Contest Enrolment

C programming, OOPS in C++

A MACHINE-LEVEL HARDWARE PROGRAM DESIGNED FOR RESERVING AIRLINE AS PER CUSTOMER REQUIREMENTS ACCORDING TO THEIR COVINIENCE WITH THE TICKET PRINTED IN A GRAPHICAL ENVIRONMENT.

A PORTAL FOR ENROLLMENT OF SUDENTS FOR A CONTEST THAT CAN BE ACCESSED BY BOTH THE STUDENTS AND THE ADMINISTRATOR USING SECURITY KEY AND STORE THE PARTICIPANT LIST IN FILES.

Car Sales Management

Front End : HTML and PHP, Back End : MySQL

THE AIM OF THIS WEB DEVELOPMENT PROJECT IS TO CREATE A DATABASE STORAGE FOR ENTERING CUSTOMER DETAILS IN A CAR SALES SHOWROOM AND CREATING PRIVILEGES FOR CUSTOMER AND SALES MANAGER

A Relational Model of Data for Large Shared Data Banks

Case study

AN INNOVATIVE AND EXTENSIVE CASE STUDY ON EDGAR F.CODDS PAPER OF "A RELATIONAL MODEL OF DATA FOR LARGE SHARED DATA BANKS" TO UNDERSTAND THE HISTORY BEHIND THE MODERN DATABANKS AND DATABASE MANAGEMENT SYSTEM.

Predicting Bankruptcy with Robust Logistic Regression

Case study

USING FINANCIAL RATIO DATA FROM 2006 AND 2007, THIS STUDY USES A THREE-FOLD CROSS VALIDATION SCHEME TO COMPARE THE CLASSIFICATION AND PREDICTION OF BANKRUPT FIRMS BY ROBUST LOGISTIC REGRESSION WITH THE BIANCO AND YOHAI (BY) ESTIMATOR VERSUS MAXIMUM LIKELIHOOD (ML) LOGISTIC REGRESSION.

Analyzing Using Six Sigma Method

Python

USING PYTHON TO ANALYZE THE REDWINE-WHITWINE DATASET TO OBSERVE THE FACTORS MOST AFFECTING THE QUALITY OF THE WINE AND TO EMPLOY SIX SIGMA METHODS TO IMPROVE THE QUALITY OF THE WINE 5-FOLD TO PROVE THE HYPOTHESIS STATISTICALLY.

## Skills

Programming Languages: C, C++, Python, MySQL

Area of Interest: Research and Analytics, Information Security, Machine Learning

## Activities

Python Basics For Data Science , Using Python For Research , Cloud Computing , Introduction to AI.

EDX

Introduction To Python , Python Datastructures , Processing Data With Python ,Testing and

COURSERA

Debugging Python , COVID19 Data Analysis With Python.

Introduction to Cyber Security.

CISCO

Problem Solving Certified , Python Certified , Completion of 30 days of Coding Challenge.

HACKERRANK

Three-day International Workshop on Data Science and Block Chain Technology in Finance and Transport Systems.

TCE

Two-day Python Workshop.

IITM

Participated in iNNoWAH regarding COVID - 19 Crisis.

PALS