Shanu Mathew

github | linkedin | e-mail

EDUCATION

MEDICAPS UNIVERSITY
B.Tech in Computer Science-Data Science
Expected: June 2024
CGPA: 9.0 (Till V Sem)

CHRISTUKULA MISSION HR. SEC. SCHOOL
Higher Secondary || PCM || ICSE
Graduated May 2020 || Per: 82

LINKS

LinkedIn:- **link**
Github:- **link**
Linktree:- **link**

COURSEWORK

UNDERGRADUATE
Object Oriented Programming
Database Management System
Computer Networks
Exploratory Data Analysis
Statistics and Probability
Machine Learning

SKILLS

PROGRAMMING
Languages:
Java • C • C++ • Python
Tools:
PowerBi • VsCode• Jupyter Notebook•
MySQL •Docker
Libraries and Framework:
Pandas• Scikit-learn • Matplotlib •
Seaborn •Plotly
Familiar:
HTML • CSS • JavaScript • SQL• R

VOLUNTEER WORK

ADVANCED STUDIES CLUB
Higher Education Team: Team Lead
• Created GATE exam related content for aspirants.

Technical Team: Sub-Lead
• Conducted seminars for 100+ students.
• Organized various competitions for students.

EXPERIENCE

CHEGG | Subject Matter Expert (Computer Science)
Sept 2022 – Present | Remote
- Worked remotely as a Theoretical Computer Science Expert at Chegg, a leading online education company.
- Demonstrated expertise in the field of theoretical computer science, providing high-quality solutions and explanations to students.
- Contributed to the growth of the company by helping students learn and succeed in their academic pursuits.

CORIZO | Data Science Intern
June 2022 – July 2022 | Remote
- Completed multiple data analysis and machine learning projects as an intern at Corizo.
- Utilized programming skills to analyze data, build predictive models, and provide valuable insights to the company.
- Contributed to improving business decision-making processes through data-driven recommendations.

PROJECTS

WINE QUALITY PREDICTION APP
July 2022 | Solo Project
- Developed a machine learning model using Random Forest algorithm to predict wine quality based on physical and chemical characteristics.
- Applied advanced oversampling techniques to address class imbalance, enhancing model performance.
- Created a Streamlit application, allowing users to input wine features and providing quality predictions and probabilities.

Project Link:-Click Here

STUDENTS MATH SCORE PREDICTION WEBSITE
April 2023 | Solo Project
- Developed an end-to-end Machine Learning project, with a focus on accurately estimating student's math scores.
- Integrated front-end interfaces using HTML, CSS, and JavaScript, along with Flask for back-end functionalities
- Skills Used: Python,Matplotlib, Seaborn, Pandas,Flask, HTML, CSS, Javascript

Project Link:-Click Here

ATLIQ SALES INSIGHT DASHBOARD
Nov 2022 | Solo Project
- This project is the analysis of the sales data of AtliQ Technologies and the subsequent dashboard based on the sales insights.
- The data was cleaned and processed to create a interactive dashboard using PowerBI.
- Skills Used:MYSQL,PowerBI, DAX

Project Link:-Click Here

CERTIFICATIONS

- Google Data Analytics: **Certificate-Link**
- Python for Machine Learning and Data Science Masterclass: **Certificate-Link**