SHAREEF SHAIK

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EDUCATION

- **Clemson University** — Clemson, SC
  Masters of Science in Computer Science GPA : 3.83/4 — *Aug 2022 - Present*
- **Lovely Professional University** — Phagwara, India
  Bachelor of Technology in Computer Science and Engineering GPA: 8.31/10 — *Aug 2018 - May 2022*

PROJECTS

- **Quality Evaluation of Skull Stripped Brain MRI Images**
  Developed a 3D Convolutional Neural Network algorithm to automate the assessment of skull-stripped brain MRI image quality.
  Utilized a categorized dataset of brain MRI images, achieving promising results with the proposed 3D CNN architecture .
- **Rating Predictions from reviews given to products in online markets**
  Implemented aspect-based analysis models using CNN, RNN, LSTM, and BERT for product review analysis.
  Addressed data quality challenges, adjusted dataset, and evaluated model performance, providing insights for future research.
- **Real-Time Face Mask Detection**
  Developed a real-time face mask detection system using Streamlit, TensorFlow, Keras, and OpenCV.
  Integrated the model with Stream-lit to create an intuitive web-based interface for easy deployment and usage.
- **Movie Recommender System**
  Developed a python web application based on Stream-lit which shows similar movies based on the user input movie name.
  Implemented content-based recommender applying the vector space methods.

EXPERIENCE

- **Maxwell Computer Solutions** — Secunderabad, India
  Data Analyst Intern — *Apr 2022 - Jul 2022*
  - Analyzed sales data from 2000 users, leveraging advanced analytics to inform marketing and product teams..
  - Collaborated with leadership and development teams to elicit and document precise data requirements.
  - Improved the existing dashboard for seamless data visualization and streamlined the transaction process.
- **All soft solutions** — Noida, India
  Software Developer Intern — *May 2020 - Jun 2020*
  - Created a Java desktop application that seamlessly integrated with an H2 database.
  - Gained hands-on experience in configuring databases within desktop applications, adeptly utilizing Java Swing and SQL to ensure seamless integration.

CERTIFICATES

- **Machine Learning A-Z™: Hands-On Python and R In Data Science**
  an online non-credit course authorised offered through Udemy.
- **SQL - MySQL for Data Analytics and Business Intelligence**
  an online non-credit course authorised offered through Udemy.
- **Data Analysis with Python**
  an online non-credit course authorised by IBM skills network and offered through Coursera.
- **Google Data Analytics by Google on Coursera**
  an online non-credit course authorised by Google and offered through Coursera.
- **Data Structures and Algorithms**
  Mastered the basics of DSA, practice coding questions attempted the assessment tests in c and c++.

PUBLICATIONS

- **Real-Time Face Mask Detection Using Streamlit, TensorFlow, Keras and Open-CV**
  Lovely Professional University
  - Published a research paper in IEEE International Conference on Data Science and Information System(ICDSIS) -2022.

SKILLS SUMMARY

- **Languages** : Python, R, Java, C++, C, SQL.
- **Tools** : Git, Matlab, Excel, Tableau, PowerBI.
- **Libraries** : Numpy, Pandas, Pytorch, Seaborn, TensorFlow.