

# SHAREEF SHAIK

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## EDUCATION

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- 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

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- 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

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- 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

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- 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

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- 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

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