

SRI KRISHNA SIMHADRI

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EDUCATION

The University of Texas at Arlington, Arlington

Jan 2021-Aug 2022

Master of science in Computers and Information systems

Jawaharlal Nehru Technological University, India

Aug 2016-Sept 2020

Bachelor of Technology in Computer Science

TECHNICAL STRENGTHS

Programming Skills : Python, Java, C, Octave, Javascript, HTML, CSS, XML

Frameworks and Libraries : NumPy, Pandas, Scikit Learn, Flask, Hibernate

Tools and Technologies : Aws, Eclipse, Tableau, Hadoop, SAS, Bootstrap, JQuery, Django, MySQL, NoSQL

WORK EXPERIENCE

Gaitview Technophiles

May 2019-Aug 2019

Java developer intern

- Implemented a Java Struts-based registration application for students which resulted in 15% recurring business.
- Programmed struts framework with **Eclipse IDE**, **Apache Tomcat** server is used to host and deploy.
- Integrated **MySQLyog** to java web application and user data is stored in database.
- Prepared and showcased results of application implementation to advise team on future uses and feasibility of the project's full-scale adaption.

PROJECTS

Web Data Scraping Python | Pandas | BeautifulSoup

- Programmed web data scraper tool and data from Metacritics website is extracted using **Python**, Problem solving skills were used to remove unnecessary data.
- **DataFrames** are used to hold required data and converted to .csv file using **Pandas**, **Sqllite3** is used to store data in database.

Twitter Data Sentiment Analysis NumPy | Tweepy | Python

- **Tweepy** is used to collect data from twitter by accessing twitter API.
- Extracted tweets are preprocessed using the Python **NLTK** module to make them suitable for mining.
- Worked as a team of 5 members in **V model software development life cycle** to organize daily tasks.
- **SVM** and **Naïve Bayes** are used to compute people's influence regarding elections from extracted tweets.

Library Management System Java | MySql

- Developed Library Management System to address issues with manual system using **NetBeans** and **SQL** is used to retrieve data from database and Created GUI with **Java Swing** API.
- To design, create, develop, and test the application, we used the Software Development Life Cycles (SDLC) and reduced 15% of page load time.

Titanic - Machine Learning From Disaster Pandas | NumPy | Seaborn

- Machine Learning classifier models such as **LogisticRegression**, **LinearSVC**, **KNeighborsClassifier**, **RandomForest Classifier**, **DecisionTree Classifier**, **GradientBoosting Classifier** were utilized to analyze which passengers survived ship wreck.
- By utilizing the most accurate algorithm, predicted the group of persons who are more likely to survive than others.

DataBase Administration for NGO Sixty and Better SQL | MSAccess

- For the Organisation NGO Sixty and Better created solutions for data analysis, understood and identified areas for development and wrote optimized **SQL** queries that resulted in **10%** reduction in error rate.