

SUZANNE DMELLO

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EDUCATION

Bachelor of Computer Science, St. Francis Institute of Technology 2019 - 2023
CGPA: 9.49.

HSC, Thomas Baptista Junior College 2017 - 2019
Percentage: 81.54%

SSC, Canossa High School 2016 - 2017
Percentage: 96%

SKILLS

Technical Skills:

- Programming Languages: Proficient in Java, C++, Python
- Database Management: Experienced in SQL database management and optimization, MySQL, PostgreSQL.
- Data Analysis: Proficient in data analysis using Python.
- Data Visualization: Experienced in creating data visualizations using Tableau and Power BI.
- Web Development: Knowledgeable in HTML, CSS, JavaScript and React.
- Version Control: Efficient in Git and GitHub.
- Software Proficiency: Competent in Microsoft Office Suite

EXPERIENCE

- Undertook courses like 'Introduction to SQL' and 'SQL for Data Science', attained an outstanding grade of 99.06% offered by Coursera, gaining expertise in writing complex queries and manipulating databases to extract valuable insights for data-driven decision making.
- Completed 'Python Data Structures' course on Coursera, with a grade of 97.60%, mastering fundamental programming concepts and applying them to develop data-driven solutions for real-world problems.
- Successfully completed the 'Fundamentals of Data Visualization with Tableau' course, acquiring a grade of 97.21% and a proficiency in creating impactful visualizations to drive data-driven decision-making.
- Completed an intensive '300-hour Responsive Web Design' Program provided by Free Code Camp mastering user-friendly, responsive website creation, with a focus on HTML5, CSS3, JavaScript and modern web development.
- Successfully completed the 'Excel Fundamentals for Data Analysis' course on Coursera, achieving a grade of 90.25% and attained skills like data visualization, filtering, sorting, and the effective use of pivot tables.
- Completed 'Exploratory Data Analysis With Python and Pandas' course with a grade of 100%, cultivating expertise in data preprocessing, exploratory data analysis along with skills like cleaning, visualizing, and deriving insights from data.

PROJECTS

Project: Random Recipe Generator Website

Description: Developed a web app using HTML, CSS, and React that generates random recipes for the users. Users have the convenience of accessing recipe tutorials via YouTube or the official website directly from the app. The app seamlessly integrates external API calls to dynamically fetch and load new recipes of over 250 dishes, ensuring a constantly refreshed and diverse culinary experience for users. Additionally, users can effortlessly download recipes in PDF format directly from the app for easy reference.

Features:

- API integration for diverse recipe selection.
- One-click random recipe generation.
- Detailed recipe information, including tutorials and blogs for over 250 recipes.
- PDF recipe downloads for offline access.

Achievements: Implemented real-time API data, user-friendly interface, and enhanced user learning.

Data Analysis and Visualization Projects

Engaged in small-scale data analysis and visualization projects to leverage skills in Excel, Tableau, Python, and data visualization tools. These projects include:

- Covid-19 Analysis and Visualization
- Bike Sales Analysis
- Titanic Dataset Analysis

Features:

- Data Analysis: Utilized Excel and Python to process and analyze datasets, extracting meaningful insights.
- Data Visualization: Created compelling visual representations of data using Tableau, enhancing data-driven decision-making.

Skills Demonstrated: Proficiency in data manipulation, analysis, and visualization to draw actionable conclusions from diverse datasets.