

Aly Hussein

| Phone: (706) 459-9586 | E-Mail: alyhussein2001@gmail.com |

EDUCATION

Kennesaw State University, January 2022 – December 2024

Kennesaw, GA

Bachelor of Science in Computer Science

GPA: 3.6

Relevant Courses: Database Systems, Algorithm Analysis, Discrete math, Applied statistics and data analysis, Big data analytics, Information Retrieval

Dalton State University, Fall 2019-December 2021

Dalton, GA

Associates Degree in Computer Science

GPA: 3.8

Relevant Courses: Programming 1 and 2, Data Structures, Calculus 1 and 2, probability and coding in R

SKILLS

Technical Skills: SQL, Microsoft Excel, Python, Tableau, Microsoft Access, RStudio, PowerPoint, PowerBI, Git, Java

Languages: English and Arabic

WORK EXPERIENCE

Generalized Robotics, Web Design Intern

Kennesaw, GA | May. 2023 – August. 2023

- Collaborate in the development and maintenance of web page layouts and user interfaces using HTML and CSS.
- Participate in code reviews and gain experience with version control systems like Git.
- Help maintain and update content on websites, ensuring consistency and accuracy.

Sherwin Williams, Store Associate

Marietta, GA | Nov. 2022– Jan. 2024

- Achieved excellent customer service, while consistently meeting the store's sales goals.
- Analyzed historical sales data to develop demand forecasting models to optimize inventory levels.
- Take care of customer orders regarding special paint tints or store provided colors.

PROJECT EXPERIENCE

Unicorn Club Data Analysis

- Utilized thousands of lines of financial data to create visual representations of information regarding businesses that hit at least 1 billion dollars in revenue.
- Used pivot tables and cleaned dataset using Microsoft Excel for more effective and easier analysis/readability.
- Imported csv files onto Tableau to make clean representations of data.

Airline Review Data Analysis

- Analyzed airline review data using Python and Jupyter Notebooks, extracting insights into customer satisfaction and service quality.
- Employed data visualization techniques, including bar charts, scatter plots, pie charts, and line charts, to illustrate trends and correlations in customer ratings based on various factors such as seat comfort and cabin staff service.
- Conducted statistical analysis to determine the influence of factors such as food and beverage quality and Wi-Fi availability on overall customer ratings, informing strategic decisions to enhance the passenger experience

Shoe Store Database

- Created a database using Microsoft SQL server for a Shoe store, defining tables for shoe information, customer data, and order information.
- Populated SQL table with values for each attribute based on research.
- Created forms and reports in Microsoft Access for business users.

Employee Management Database

- Developed a comprehensive SQL database for an employee management system, defining tables to store employee information such as personal information and department affiliations.
- Ensured data integrity and normalization using primary and foreign keys to minimize redundancy.
- Formulated SQL queries to retrieve and analyze employee data, utilized SQL JOIN operations, to extract meaningful insights.

Personal Website: <https://alyhussein2001.github.io/AlyHussein.github.io/>