

Aly Hussein

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

Languages: English and Arabic

WORK EXPERIENCE

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

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

Mohawk Industries, *Utility Specialist*

Dalton, GA | Sep. 2020- Dec. 2021

- Took care of and managed a manufacturing assembly line for printing LVT flooring.
- Operated a crane to carry 2-ton cylinders with specific flooring designs.
- Drove a forklift many times throughout the day for moving LVT film that would be printed on.

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.
- Cleaned dataset for more effective and easier analysis/readability.
- Imported csv files onto Tableau to make clean representations of data.
- Utilized VLOOKUP and pivot tables to create multiple dashboards and analyze real world problems.

Forbes Magazine 2022 Data Analysis

- Analyzed the top 2000 organizations according to Forbes Magazine with attributes such as year founded, revenue, profits, and assets.
- Created a dashboard for better readability for potential stakeholders who want to analyze the data.
- Found trends based on the industry locations and the types of industries based on the data.
- Cleaned the data set for better readability and easier analysis.

Shoe Store Database

- Created a database on Microsoft SQL server for multiple shoe stores in several select cities.
- Populated SQL table with values for each attribute based on research.
- Created forms and reports in Microsoft Access for business users.

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