

MERAJ ALI

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EDUCATION

Farmingdale State College

B.S. Degree in Computer Science

Farmingdale, NY

Expected Jul 2025

- GPA 3.7, Dean's List
- Relevant Coursework: Advanced Java Programming, Software Engineering, Data Management, Data Structures and Algorithms II

WORK EXPERIENCE

Pharmacist Technician | Stop & Shop, Deer Park, NY

Sep 2023 – Current

- Organizes medications for dispensing, mandatory reviewing of medication orders and prescriptions, creating labels, determining quantities, and compiling intravenous solutions and other pharmaceutical treatments.
- Utilized software to store records of data: physicians' orders, prescriptions, and patient's insurance information.
- Provided exceptional customer service by assisting patients with drug questions and addressing concerns.

Sales Associate | Stop & Shop, Deer Park, NY

Nov 2022 – Sep 2023

- Prepared inventory analysis to management to ensure that in-demand products were always available.
- Processed cash transactions with precision and accountability, ensuring a balanced cash register.
- Effectively managed incoming merchandise by systematically arranging items on the sales floor.

Customer Service Associate | BJ's Wholesale Club, Deer Park, NY

Jul 2021 – Aug 2022

- Assisted customers in an amicable fashion to ensure customer satisfaction and loyalty.
- Examined feedback data from over 300+ customers to pinpoint trends and areas for sales enhancement.
- Dedicated to continuous learning and developments to stay updated on product offerings and industry trends.

PROJECTS & PROGRAMS

Analysis of Interactive Possibility

Farmingdale, NY

Elevator Navigation Project

Nov 2022 – Dec 2022

- Analyzed multi-scenario instances of human interaction in navigating an elevator in an apartment building.
- Utilized programs such as SceneBuilder (JavaFXML) to create a program and animation sequences.
- Cooperated with team member to capture key functionalities of an elevator to develop such program.

Fundamentals of Software Engineering

Farmingdale, NY

Car Company Sales Group Project

Aug 2023 – Dec 2023

- Created a car company program application with user login function, options to buy, sell, or view company's inventory, view all parts with model information of cars with image display.
- Utilized Microsoft Access and SQL to categorize and store information about vehicles and their parts using analysis from modern cars (Ford, Toyota, Honda, etc.) and implementing them accurately and accordingly.
- Collaborated with team members to develop such program and maintain an efficient workflow through scrum meetings and work sharing through GitHub.

Data Structures and Algorithms

Farmingdale, NY

Experience in Programming Industry-used Algorithms

Aug 2023 – Dec 2023

- Created programs through understandings of numerous algorithms and data structures to sort information efficiently and accordingly based off scenarios and prompts.
- Acquired and demonstrated concepts of multiple algorithms such as Binary Search Tree, Priority Queue, Heapsort, Quicksort, Counting Sort, Hash Table, and Red Black Tree.
- Tasked with creating a mapping of cities using the Graph algorithm which required the implementations of Minimum Spanning Tree and Shortest Path concepts.

TECHNICAL SKILLS

Software: IntelliJ, NetBeans, SceneBuilder, Microsoft SQL Server, Microsoft Excel, Microsoft Access, GitHub

Programming Languages: Java, Python, SQL

Languages: Bengali (Conversational)

Interests: Cooking, Fishing, NBA, E-Sports