Sumiya Akter

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Objective

- To acquire extensive knowledge and experience pertaining to software engineering and app development to help further my career.

Education

BACHELOR OF ARTS | MAY 2022 | CUNY- HUNTER COLLEGE

- Major: Computer Science
- Minor: Math
- Related coursework: Software Analysis and Design, Discrete Structures, Computer Architecture, Computer Theory, Matrix Algebra, Practical Web Development, IOS Development.
- Honors: Sage Scholar

Projects

TIP CALCULATOR (DEC 2020)

- Used Swift to create a Tip Calculator. It efficiently calculates the tip (15%, 18%, 20%) based on the user's input.

GROCERY SHOPPING (SEPTEMBER 2020)

- Created a user input based grocery shopping program in C++. The program takes the price, weight, and quantity of the items inputted by the user and puts it in one shopping cart. The shopping cart is limited by weight as it would be in real life, so there are boundaries set to remove and add items to adjust the gross weight of items. In the end, the cost and weight of the items are calculated for the user.

DEBRIS COLLECTION (APRIL 2020)

- Created a program in C++ that collects debris from a randomly generated grid of any size.
- This project had multiple versions over the year as I strived to make the program collect the debris more efficiently.

Experience

CAMP COUNSELOR | SYEP | JULY 2019 – AUGUST 2019

- Conducted classes, workshops, and demonstrations to teach children under a STEM curriculum.

Skills

- **C/C++**
- **Swift**
- **Python**