Asem Shaath

Computer Engineering Student

An undergraduate engineer looking to grow his computer engineering skills

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EDUCATION

B.S. Computer Engineering
Montgomery College

2019 - 2023   *Washington DC Area*

Courses
- Computer Science (Java)
- Logic Design

PERSONAL PROJECTS

Cryptography in Java
- Encrypting and decrypting a given word from the user
- The Cryptography is using Caesar cipher and Bellaso cipher
- Designed UI frame
- Used object oriented programming to implement functionality
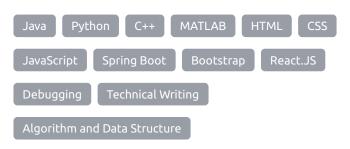- *https://github.com/asemshaath/Crypting_Machine* ⬈

Double Linked List in Java
- A data structure that stores some data in a node and the node points to the next element and the previous element
- Created a class that creates a sorted double linked list and a class that creates a basic double linked list
- Used object oriented programming to implement functionality
- Designed UI frame that shows how the elements are stored
- *https://github.com/asemshaath/DoubleLinkedList* ⬈

Calculator in Java
- A calculator that performs the arithmetic operations: addition, subtraction, multiplication, division, and power
- Designed UI frame with buttons and screen
- Used object oriented programming to implement functionality
- *https://github.com/asemshaath/Calculator* ⬈

SKILLS

Java · Python · C++ · MATLAB · HTML · CSS · JavaScript · Spring Boot · Bootstrap · React.JS · Debugging · Technical Writing · Algorithm and Data Structure

ACHIEVEMENTS

President's List in Fall 2018
President's list in Portland Community College in Portland, Oregon for Fall 2018 term. President's List is for the people who get a term GPA of 4.0