

# 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

Rockville, MD, USA (3.67)

#### 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/aseemshaath/Crypting\\_Machine](https://github.com/aseemshaath/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/aseemshaath/DoubleLinkedList> 🔗

### Desktop Calculator

- 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/aseemshaath/Calculator> 🔗

## SKILLS

Java

Python

C++

MATLAB

HTML

CSS

JavaScript

Java Spring Boot

Bootstrap

React.JS

Debugging

Testing

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*