Nahian Afsari

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Education

University of Texas at Dallas   Aug 2016 - Dec 2019
Bachelors of Science in Computer Science   **GPA : 3.95**

Projects

Cryptography Program   Language used : C++

Developed a cipher that can encrypt or decrypt any message given the valid input. User can input a string of characters and the program will add the calculated shift to the string to create an encrypted string and using the same logic, create a decrypted string given the encrypted string

Object Oriented Programming   Language used : Java

A program that acts like a shopping website. User can log in as either customer or manager. Manager can update items for the store catalog and customer can shop from listed catalog items

Othello Board Game   Language used : MIPS Assembly

Developed a gaming program with a team where we created the othello game. We used efficient algorithms and programming fundamentals to create a complex game with many cases/problems to consider and solve.

Skills

- Proficient in C++ , Java, MIPS assembly, HTML, CSS
- Excellent verbal communication skills developed through administrative roles in previous jobs
- Familiar with Windows, Mac, Linux/Unix

Experience

Technology Leader at Tech Edventures
Feb 2018 - Present
Duties include managing classroom of K-8th graders and lead them into thinking critically about technical projects and build them. Projects include making circuits, programming robots etc.

Administrative Assistant at University of Texas at Dallas Offices
Sep 2016 - July 2017
Duties included greeting clients/students and assist them with their respective questions/problems, organize student discipline records, answer phone calls, run errands for the Dean And Vice President of student affairs across campus.

Awards/Achievements

Young Masters Competition 2016 Winner - Exhibition of Artwork at the Dallas Museum of Art

Recognition by the National Math and Science Initiative Program - for achievements in Advanced Placement Physics

Recipient of Excellence in Education Math Challenge Scholarship