

# 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

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## 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.

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## 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
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## 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.

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## 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**