# Ijeriedumare Omitogun

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# Education

***University of Houston, Houston, TX***

*Computer Science Candidate, Expected graduation, May 2019*

**RELEVANT COURSEWORK Topics of Course**

* ***Computer Science and Programming:*  Fundamentals of C++***-Completed Fall 2016*
* ***Intro to Programming:*  Object Oriented Programming** *-Completed Spring 2016*
* ***Computer Organization/Architecture:* Processor Architecture***-Currently enrolled*
* ***Data Structures:* Data Structures and Algorithms***-Currently enrolled*

# PROJECTS

**ATM SIMULATOR**

* Simulated a fully working ATM complete with a Graphical User Interface.
* Users were capable of withdrawing money, depositing money, and acquiring account balances.
* Password and Username were required for users to login their account.

**Matrix Multiplication and Addition Program**

* Program was capable of adding or multiplying two matrices either recursively or non-recursively
* Valid Matrices could reach very large sizes (tested with Matrices of up to 1000)

# SKILLS

***Programming Languages: Java*** (Intermediate) ***C++*** (Experienced) ***JavaScript*** (Beginner)

***Operating Systems:* Windows, Ubuntu (Linux)**

# Work Experience

***Beginners 2 Swimmers, Houston, TX***

*Swim Instructor/Lifeguard, June 2016 – August 2016*

* Developing student’s skills in different swimming techniques (Floating, Freestyle, Butterfly, and Breaststroke) students were of various ages including: 8 month old infants to adults of ages 30 and up.
* Explaining to individuals the importance of safe practice in pools and providing care to those incapable of swimming on their own

***Pecos High School Aquatics, Pecos, TX***

*Lifeguard/Swim Instructor, May 2015 – August 2016*

* Main duty consisted of monitoring the pool area. At times well over 50+ patrons would be present in the pool at once.
* Coaching students of age ranges from 4 year olds, 5 year old, and 9 to 12 year olds in basic swimming techniques (Floating, freestyle, and treading).

# ORGANIZATIONS

***CougarCS:* University of Houston**

Position: *Member (Active Member)*

***Residential Housing Association:* University of Houston, Houston, TX**

*Position****:*** *Event Planner Oct 2015- April 2016*