Lauren Malik

49892 Miller Ct, New Baltimore, MI 48047 | 1(586)481-0174 | malikl0799@gmail.com | maliklau.github.io

Education

BACHELOR'S DEGREE IN ENGINEERING | 2018 | 3.65 GPA | MICHIGAN STATE UNIVERSITY

· Major: Computer Science
· Cognate: Media and Information

Skills & Abilities

COMPUTER/TECHNOLOGY

· Programming: C++, Python, HTML5, CSS, and Git
· Operating Systems: Windows, Linux, and OS X
· Microsoft: Word, Power Point, Outlook, and Excel
· Photo/Video Editing: Photoshop, Dream Weaver, and Camtasia

PROJECT HIGHLIGHTS

· Encryption: a program that encodes and decodes any length of text using a homophonic cipher.
· Digital Library: uses a Binary Search Tree (BST) to store book nodes which can be added and checked out.
· Image Editing: uses a matrix of ints to edit images by applying masks to the appropriate rows and columns of the matrix.
· Text Editor: using arrays and dynamic memory to write and delete text in a buffer.

LEADERSHIP

· The National Society of Leadership and Success (Sigma Alpha Pi)
· After School Youth Tutor through Michigan State Service-Learning Program
· Undergraduate Learning Assistant
    -hold office hours, study sessions, check students' work, and assist the professor during lecture
· Mason Hall Floor 1 Government Representative
· Wharton Center Student Marketing Organization
· Varsity Swim Team Captain

Experience

INTERN | MARTINREA INTERNATIONAL INC. | 6-15-2015 TO 8-24-15

· Used software to create RFQ (Request for Quotation) forms and training videos for Martinrea's Purchasing University. Held responsibilities of holding department meetings and being in contact with national and international.

WATER SAFETY INSTRUCTOR | ANCHOR BAY AQUATIC CENTER | 8-07-2O13 TO 8-17-2016

· Teach children to swim and ensure that they know water safety skills. I am certified in CPR/first-aid, and lifeguarding.

TECH ASSISTANT | MSU UNION STUDENT MEDIA CENTER | 8-31-2O16 TO PRESENT

· I process print orders and various purchase transactions. I assist customers with video equipment, chroma key functionalities, and a variety of editing software.