Lauren Malik

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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, JavaScript, Android Studio, and Git
· Operating Systems: Windows, Linux, and macOS
· Microsoft: Word, Power Point, Outlook, and Excel
· Photo/Video Editing: Photoshop, Dream Weaver, and Camtasia

PROJECT HIGHLIGHTS

· Task Manager: uses a dictionary and writing to a file to store dates with specific tasks.
· 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

· Research team member for MSU Paths, a mobile application for the blind
· 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. I held the responsibilities of holding national and international departmental meetings.

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

· My responsibilities included teaching children to swim and ensuring that they know water safety skills. I am certified in CPR/ first-aid, and lifeguarding.

COMPUTER 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.