Lauren C. Malik

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Education

*Bachelor's Degree in **Computer Science Engineering*** | 2018 | **3.65 GPA** | Michigan State University
Cognate: Media and Information

Experience

Computer Assistant | MSU Union Student Media Center | 8-31-2016 to present

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

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 | 8-07-2013 to 8-17-2016

Responsibilities included leading children in swim lessons and ensuring knowledge of water safety skills. Certified in CPR/first-aid, and lifeguarding.

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
  - held office hours, study sessions, checked students' work, and assisted the professor
- Hackathon participant - Spartahack and MHacks
- Association for Computer Machinery
- Mason Hall Floor 1 Government Representative
- Wharton Center Student Marketing Organization