Victoria Albanese

14 Tecumseh Drive, Bradford, MA 01835 || (978) 914-5730 || Victoria_Albanese@student.uml.edu

Education

University of Massachusetts, Lowell, MA   Expected May 2018
Bachelor of Science in Computer Science, Minor in Robotics & Mathematics
GPA: 3.9, Member of Honors College
Relevant Coursework: Data Structures, Object Oriented Programming, Intro to Software Engineering, Computer Organization and Assembly Languages, Logic Design, Discrete Structures I-II

Haverhill High School, Haverhill, MA   May 2014
Senior Project: spent 80+ hours designing and developing a series of original text generators in JavaScript; designed and developed a website to house these generators using HTML, CSS, and Adobe Dreamweaver and Fireworks

Work Experience

Research Assistant, University of Massachusetts, Lowell, MA   February 2016 - present
- ❖ *Working on the iSENSE Project, a web system for collecting, visualizing, and sharing data, as a member of the Engaging Computing Group (ECG), a research lab run by Professor Fred Martin*
- ❖ *Helping maintain the site by identifying and fixing bugs in HTML and CSS code; gaining practical experience with web development; crafting a series of video tutorials for the site*
- ❖ *Presented with the ECG team at the 2016 USA Science and Engineering Festival at Washington DC*

Research Assistant, University of Massachusetts, Lowell, MA   September 2015 - December 2015
- ❖ *Worked in a team conducting research under Dr. Momotaz Begum in the areas of Intelligent Assistive Technology and Human Robot Interaction at the University of Massachusetts Lowell Robotics Lab*
- ❖ *Contributed to the development of a machine learning algorithm which will enable a NAO Robot to autonomously deliver therapy to children with autism spectrum disorders by programming the NAO Robot to perform specific tasks which will contribute to the final algorithm*

Robotics Lab Intern, University of Massachusetts, Lowell, MA   July 2015 - August 2015
- ❖ *Designed and developed programs written in C++ which enable a NAO Robot to detect and react to its environment to perform specific tasks, such as standing up when it has fallen down and avoiding obstacles when navigating a room, implemented using Robot Operating System (ROS)*

Engineering Intern, Omtool, Ltd., Andover, MA   May 2014 - January 2015
- ❖ *Designed, developed, implemented, and maintained automated UI tests using QAlibers Test Builder*
- ❖ *Acquired a solid understanding of the scrum methodology by effectively communicating and collaborating with coworkers inside and outside of meetings*

Technical Support, Haverhill High School iSchool, Haverhill, MA   September 2013 - May 2014
- ❖ *Provided assistance to customers by identifying problems, researching solutions, and guiding the customer through corrective steps, both in person and over the phone*

Technical Summary

Operating Systems: Linux, Windows
Programming Languages: C++, C, JavaScript, HTML, CSS, familiar with MIPS Assembly
Version Control: Git, Team Foundation Server (TFS)
Software: Robot Operating System (ROS), OpenCV, Prezi, Adobe Photoshop, Dreamweaver and Fireworks, Windows Movie Maker, QAlibers Test Builder