

Victoria Albanese

To find my contact information, please visit the "Contact Me" section of my website!

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