

## Victoria C. Wu

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<b>EDUCATION</b>	<i>Bachelor of Science, Computer Science</i> University of Missouri - Kansas City, Kansas City, MO expected December 2014	GPA: 3.9/4.0
<b>COMPUTER SKILLS</b>	<i>Languages &amp; Software:</i> C++, Python, Java; ROS, Arduino <i>Operating Systems:</i> Windows, Linux	
<b>RESEARCH EXPERIENCE</b>	<i>University of Missouri - Kansas City, Kansas City MO</i> School of Computing and Engineering Research Advisor: Dr. Praveen Rao <ul style="list-style-type: none"><li>– Optimization of federated SPARQL queries for RDF data</li><li>– Researched essential methodologies of existing SPARQL query engines</li></ul>	Fall 2013 - Current
	<i>Auburn University, Auburn AL</i> Department of Computer Science and Software Engineering NSF REU on Smart UAVs Research Fellow Research Advisor: Dr. Saad Biaz <ul style="list-style-type: none"><li>– Collaborated with teammate in designing and implementing distributed collision avoidance framework using ROS in C++</li><li>– Experimentally verified architecture with flight tests</li><li>– Presented literature review and final results to REU group</li></ul>	Summer 2013
<b>PROJECTS</b>	<ul style="list-style-type: none"><li>– Implemented ROS node in C++ to interface with Phidget IMU and output raw IMU data.</li><li>– Wrote Arduino sketch that cycled through notes of a pre-programmed melody using a capacitive sensor and speaker.</li><li>– Wrote Python script to convert online fiction to EPUB format.</li></ul>	
<b>EXTRA-CURRICULAR ACTIVITIES</b>	Chair, ACM Student Chapter Secretary, ACM Student Chapter Member, ACM Student Chapter	Fall 2013 - Current Fall 2012 - Spring 2013 Fall 2011 - Current
	Secretary, UMKC Robotics Team Programmer, UMKC Robotics Team	Fall 2012 - Spring 2013 Spring 2012 - Current
	Peer Mentor, UMKC School of Computing and Engineering	Fall 2012 - Spring 2013
<b>HONORS &amp; AWARDS</b>	Best Undergrad Technical Poster, MINK - WIC Conference Outstanding Senior, UMKC SCE Bachelor of Science in Computer Science 3rd place team, CCSC Central Plains Programming Contest	October 2013 2013 2012
<b>COMMUNITY SERVICE</b>	CS Tutor, UMKC UPE student chapter FIRST Tech Challenge Qualifications, Scorekeeper FIRST LEGO League Qualifications, Robot Design Judge	Fall 2013 - Current Feb 2013 Dec 2012