

## Victoria C. Wu

(913) 235-1070 || victoria.chen.wu@gmail.com || vptarmigan.wordpress.com

<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 Maryland, College Park MD</i> Space Systems Lab NSF Mini Robot REU Research Fellow Research Advisor: Dr. Dave Akin <ul style="list-style-type: none"><li>– Implemented application using ROS and ARToolkit to track pose of small satellite base using visual markers</li></ul>	Summer 2014
	<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>EXTRA-CURRICULAR ACTIVITIES</b>	Chair, ACM Student Chapter Secretary, ACM Student Chapter <ul style="list-style-type: none"><li>– Coordinated volunteers and hosted student teams for IEEE Xtreme competition</li><li>– Organized and led weekly programming practices</li><li>– Taught sessions on basic programming concepts (data structures, graph implementation)</li></ul>	Fall 2013 - Spring 2014 Fall 2012 - Spring 2013
	Programmer, UMKC Robotics Team Secretary, UMKC Robotics Team <ul style="list-style-type: none"><li>– Designed and implemented communication interface in ROS between main motherboard and Arduino</li><li>– Implemented high level logic on Arduino for sensing and autonomous navigation through a semi-randomized 2d playing field</li><li>– Implemented ROS node in C++ to interface with Phidget IMU and output raw IMU data</li></ul>	Spring 2012 - Spring 2014 Fall 2012 - Spring 2013
<b>HONORS &amp; AWARDS</b>	UPE/ACM Scholarship Recipient 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 2014 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