

Victoria C. Wu

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EDUCATION	<i>Bachelor of Science, Computer Science</i> University of Missouri - Kansas City, Kansas City, MO expected December 2014	GPA: 3.9/4.0
COMPUTER SKILLS	<i>Languages & Software:</i> C++, Python, Java; ROS, Arduino <i>Operating Systems:</i> Windows, Linux	
RESEARCH EXPERIENCE	<i>University of Maryland, College Park MD</i> Space Systems Lab NSF Miniature Robotics REU Research Fellow Research Advisor: Dr. Dave Akin <ul style="list-style-type: none">– Implemented application using ROS and ARToolkit to track pose of small satellite base using visual markers	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">– Collaborated with teammate in designing and implementing distributed collision avoidance framework using ROS in C++– Experimentally verified architecture with flight tests– Presented literature review and final results to REU group	Summer 2013
EXTRA-CURRICULAR ACTIVITIES	Chair, ACM Student Chapter Secretary, ACM Student Chapter <ul style="list-style-type: none">– Coordinated volunteers and hosted student teams for IEEE Xtreme competition– Organized and led weekly programming practices– Taught sessions on basic programming concepts (data structures, graph implementation)	Fall 2013 - Spring 2014 Fall 2012 - Spring 2013
	Programmer, UMKC Robotics Team Secretary, UMKC Robotics Team <ul style="list-style-type: none">– Designed and implemented communication interface in ROS between main motherboard and Arduino– Implemented high level logic on Arduino for sensing and autonomous navigation through a semi-randomized 2d playing field– Implemented ROS node in C++ to interface with Phidget IMU and output raw IMU data	Spring 2012 - Spring 2014 Fall 2012 - Spring 2013
HONORS & AWARDS	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
COMMUNITY SERVICE	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