Victoria C. Wu

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

EDUCATION	*Bachelor of Science,* Computer Science	GPA: 3.9/4.0
	University of Missouri - Kansas City, Kansas City, MO	
	expected December 2014	

COMPUTER SKILLS

Languages & Software: C++, Python, Java; ROS, Arduino
Operating Systems: Windows, Linux

RESEARCH EXPERIENCE

University of Missouri - Kansas City, Kansas City MO   Fall 2013 - Current
School of Computing and Engineering
Research Advisor: Dr. Praveen Rao
– Optimization of federated SPARQL queries for RDF data
– Researched essential methodologies of exisiting SPARQL query engines

Auburn University, Auburn AL   Summer 2013
Department of Computer Science and Software Engineering
NSF REU on Smart UAVs Research Fellow
Research Advisor: Dr. Saad Biaz
– 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

PROJECTS

– Implemented ROS node in C++ to interface with Phidget IMU and output raw IMU data.
– Wrote Arduino sketch that cycled through notes of a pre-programmed melody using a capacitive sensor and speaker.
– Wrote Python script to convert online fiction to EPUB format.

Plano Day School   Sept - Dec 2009
Teacher's Assistant   Plano, TX
– Tutored elementary students with school homework.

Howard Lee Harkness, Violin Teacher   Dec 2008 - Feb 2009
Piano Accompanist   Plano, TX
– Rehearsed with and accompanied violin students in a culminating recital.

EXTRA-CURRICULAR ACTIVITIES

Chair, ACM Student Chapter	Fall 2013 - Current
Secretary, ACM Student Chapter	Fall 2012 - Spring 2013
Member, ACM Student Chapter	Fall 2011 - Current
Secretary, UMKC Robotics Team	Fall 2012 - Spring 2013
Programmer, UMKC Robotics Team	Spring 2012 - Current
Peer Mentor, UMKC School of Computing and Engineering	Fall 2012 - Spring 2013

HONORS & AWARDS

Best Undergrad Technical Poster, MINK - WIC Conference	October 2013
Outstanding Senior, UMKC SCE Bachelor of Science in Computer Science	2013
3rd place team, CCSC Central Plains Programming Contest	2012

COMMUNITY	CS Tutor, UMKC UPE student chapter	Fall 2013 - Current
SERVICE	FIRST Tech Challenge Qualications, Scorekeeper	Feb 2013
	FIRST LEGO League Qualifications, Robot Design Judge	Dec 2012