Victoria C. Wu

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EDUCATION

Bachelor of Science, Computer Science   GPA: 3.95/4.0
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 in ROS
  – Experimentally verified architecture with flight tests
  – Presented literature review and final results to REU group

EXPERIENCE

Maritz Research   Jan - July 2012
Editor   Overland Park, KS
  – Analyzed, identified, and improved key issues with customer reports.

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

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

Outstanding Senior, UMKC SCE Bachelor of Science in Computer Science	2013
UMKC Trustees Finalist Scholarship	2012 - 2013
D.S.T. Systems, Inc. Computer Science Scholarship	2011 - 2013
UMKC Achievement Award Scholarship	2013
Lipscomb Scholarship	2012

	Dean's List	2011 - 2013
	3rd place team, CCSC Central Plains Programming Contest	2012
	2nd place, Faye Kircher Public Speaking Contest	2011
COMMUNITY SERVICE	CS Tutor, UMKC UPE student chapter	Fall 2013 - Current
	FIRST Tech Challenge Qualications, Scorekeeper	Feb 2013
	FIRST LEGO League Qualifications, Robot Design Judge	Dec 2012