

Xo Wang

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Education	GEORGIA INSTITUTE OF TECHNOLOGY <i>Bachelor of Science, Computer Engineering. (Expected)</i>	Atlanta, GA August 2009 – 2013
	STUYVESANT HIGH SCHOOL <i>Honors Diploma with Advanced Designation</i> <i>Thomas P. Farkas '38 Scholarship Award for Science & Technology</i>	New York, NY September 2005 – June 2009
Work Experiences	Science Olympiad Volunteering <i>Event Supervisor</i>	Georgia and National Science Olympiad 2008 – Present
	<ul style="list-style-type: none">• Supervising and judging engineering events at national, statewide, and local tournaments• Administrating scioly.org, a 13,000-member community website for Science Olympiad• Advising the National Science Olympiad committee on rules for robotics events• Writing scoring software and record sheets for tournament judging throughout the US	
	FIRST Robotics Competition <i>Volunteer</i>	Stuyvesant High School & GeorgiaFIRST 2005 – Present
	<ul style="list-style-type: none">• Volunteering for 2010 World Championship and local FIRST events with RoboJackets, the Georgia Tech robotics team• Completed electrical system for Stuypulse Team 694's 2006 robot Joshua, winning the Xerox Creativity Award	
	ActorMachine, LLC. <i>Software engineer</i>	New York, NY Summer 2009
	<ul style="list-style-type: none">• Programmed multithreaded procedural AI and graphics middleware for games in C++• Programmed in-house compiler tools for performance-oriented graphics applications	
Extracurricular Activities	Open Source Software <i>Software engineer</i>	2007 – Present
	<ul style="list-style-type: none">• Serving as co-developer for Geekinfo, a cross-platform system information tool; wrote C++ driver- and system-level hardware detection routines for Windows, OS X, and Linux• Contributing to OpenImageIO and PixelToaster, two graphics and image libraries	
	Techtonics Engineering <i>Team President</i>	Stuyvesant High School 2006 – 2009
	<ul style="list-style-type: none">• Designed and built award-winning entries for BEST (Boosting Engineering Science and Technology), Science Olympiad, BattleBots IQ, and Trinity College Fire Fighting Robot Contest• Started computer science subteam for USA Computing Olympiad, American Computer Science League, and other computing contests	
	International IT-gifted Youth Camp <i>Participant</i>	Daejeon, Korea Summer 2008
	<ul style="list-style-type: none">• Overseas project-based study of robotics and IT at Information and Communications University with students from Korea, UK, Singapore, and Australia	
Honors & Achievements	Unofficial Fédération Aéronautique Internationale record for indoor electric flight duration	2006
	USA Computing Olympiad Gold Division contestant	2007
	American Computer Science League All-Star Contest qualifier	2007
	American Association of Teachers of German National German Exam Award	2008
	National Merit Scholarship Semifinalist	2008
Skills	Programming: C/C++, Java, LabView, Python, Linux shell, L ^A T _E X 2 _ε , PHP, SQL, Cg Software: Eclipse, VMware, SolidWorks, EAGLE, OpenGL, Subversion, Git, GCC/GDB, Make Hardware: ARM microcontrollers, dsPIC DSCs, MEMS sensors, ADI Blackfin processors Languages: I am fluent in English and Mandarin Chinese and am familiar with German	
Hobbies & Interests	Film (especially foreign cinema), traveling, Ultimate Frisbee (member of school team), local dining	