

Wennie Tabib

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OBJECTIVE	To obtain a Ph.D. to educate, research, and contribute to the world.	
EDUCATION	<i>Carnegie Mellon University</i> , Pittsburgh, PA Master of Robotics	May 2014 (expected)
	<i>Carnegie Mellon University</i> , Pittsburgh, PA Bachelor of Science in Computer Science	May 2012
EXPERIENCE	Astrobotic Technology, Inc. , Pittsburgh, PA <i>Intern, Digital Design and Verification</i> Designed, verified and synthesized Scale Invariant Feature Transform (SIFT) on FPGA.	May 2012 – August 2012
	Apple, Inc. , Cupertino, CA <i>Intern, Mac OS X Program Office</i> Designed and implemented a Ruby on Rails web application that grants employees access to restricted resources (i.e. latest OS builds, installers, etc...). Reviewed bug fixes for inclusion in Mac OS 10.7 (Lion).	May 2011 – August 2011
	Carnegie Mellon Robotics Department , Pittsburgh, PA <i>Student Researcher</i> Developed Kalman filter, visual odometry system, and an architecture for feature detection on an FPGA as a senior thesis.	February 2010 – Present <i>Advisor: William "Red" Whittaker</i>
	Carnegie Mellon Robotics Department , Pittsburgh, PA <i>Teaching Assistant, Robotics 861</i> Graduate course to engineer robot prototype for the Google Lunar XPRIZE. Taught lectures, designed curriculum, and managed student teams.	August 2011 – Present <i>Mobile Robot Design</i>
	Carnegie Mellon Computer Science Department , Pittsburgh, PA <i>Teaching Assistant, Computer Science 221</i> Planned and led recitation once per week which required classroom presentations to large sections of students as well as occasional quiz review sessions.	August 2010 – May 2012 <i>Technical Communications</i>
	Northrop Grumman, Inc. , Chantilly, VA <i>Intern</i> Open-source mapping software development used to track and plan the movements of troops and munitions using Keyhole Markup Language (KML), Web Mapping Service (WMS) and static maps.	May 2010 – August 2010
	Ambient Intelligence Labs , Pittsburgh, PA, <i>Student Researcher</i> Data mining research using EventMiner, a technology created to evaluate personnel data, to develop more secure environments.	May 2009 – October 2009
	Cronos, Inc. , Pittsburgh, PA <i>Intern</i> Designed webpages, web servlets, and created applications for mobile devices.	May 2009 – August 2009
	TechBridgeWorld, Inc. , Pittsburgh, PA <i>Student Researcher</i> Developed game written in Java that teaches English to deaf students. Tested at the Western Pennsylvania School for the Deaf (WPSD).	August 2008 – May 2011
PROGRAMMING	LabVIEW, LabVIEW FPGA, C, C++, $\LaTeX 2_{\epsilon}$, Java, HTML, CSS, Javascript, Ruby/Rails, SystemVerilog, Verilog on FPGA, and Matlab. Some coursework experience using shell scripting, Perl, SML/NJ	