Eric Lee Turner

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EDUCATION	**University of California - Berkeley**	
	Ph.D. in Electrical Engineering and Computer Sciences	May 2015
	GPA: 4.00/4.00	
	University of California - Berkeley	
	M.S. in Electrical Engineering and Computer Sciences	May 2013
	GPA: 4.00/4.00	
	Carnegie Mellon University	
	B.S. in Electrical and Computer Engineering	May 2011
	QPA: 3.91/4.00 - Dean's List	
	Minors in Physics, Computer Science	

RESEARCH EXPERIENCE	**Video and Image Processing Lab - U.C. Berkeley**	08/2011 - 05/2015
	Ph.D. Graduate Student	
	3D and 2D surface reconstruction algorithms for architectural modeling	
	System hardware design and assembly	
	Spiral Project - Carnegie Mellon	08/2010 - 05/2011
	Honors Research Undergraduate	
	Analysis of efficiency and error for Spiral's implementation of Synthetic Aperture Radar	

WORK EXPERIENCE	**Signetron, Inc.**	07/2015 - Present
	Chief Software Architect	
	Developed algorithms and software for automatic indoor modeling	
	EECS Department - UC Berkeley	01/2015 - 05/2015
	Graduate Student Instructor	
	Taught discussion sections, held office hours, graded homeworks/exams	
	Speir Technologies	01/2013 - 01/2014
	Software Development Consultant	
	Developed prototype demo application and 3D modeling algorithms	
	MIT Lincoln Laboratory	05/2011 - 08/2011
	Summer Intern - Group 104: Intelligence and Decision Theory	
	Developed algorithms for creation of synthetic test data for SAR CCD track-finding	
	Qualcomm	05/2010 - 08/2010
	Software Summer Intern - QCT Modem Integration Team	
	Developed/automated methodology for optimizing and removing redundancies in client specs of processor builds	

COMPUTER SKILLS	**Programming Languages:** Java, C/C++, BASH, Python, SML, Basic, NASM, x86, Perl, JavaScript
	Markup Languages: HTML, LaTeX
	Software: Matlab, Mathematica, Maple, Unity, Autodesk
	Frameworks: Eigen, OpenCV, OpenGL, Qt, Android, Spring, Processing, XStream

AWARDS	**Awarded Best Student Paper - GRAPP 2014**	01/2014
	Awarded NSDEF Fellowship	09/2013 - 05/2016
	Presented at CMU Meeting of the Minds	05/2011
	1st Place Lockheed Martin ECE Undergraduate Project	
	3rd Place CIT Honors Research Poster Competiton	