Eric Lee Turner, Ph.D.

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EDUCATION	**University of California - Berkeley**	
	Ph.D. in Electrical Engineering and Computer Sciences	May 2015
	3D and 2D surface reconstruction algorithms for architectural modeling	
	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	

WORK EXPERIENCE	**Google, Inc.**	03/2016 - Present
	Senior Software Engineer	
	Advanced Research and Development for the Daydream Virtual Reality Team	
	Indoor Reality, Inc.	06/2015 - 03/2016
	Chief Technology Officer (CTO)	
	Principal Investigator (PI) on multiple federal grants	
	Tech lead for algorithms, software, and hardware for rapid indoor building 3D modeling	
	EECS Department - UC Berkeley	01/2015 - 05/2015
	Graduate Student Instructor	
	EE-122: Introduction to Communication Networks	
	Taught discussion sections, held office hours, graded homeworks/exams	
	Speir Technologies	01/2013 - 01/2014
	Software Development Consultant	
	Developed demo application and 3D modeling algorithms for remote viewing medical ultrasound scanning	
	MIT Lincoln Laboratory	05/2011 - 08/2011
	Summer Intern - Group 104: Intelligence and Decision Theory	
	Developed algorithms for creation of synthetic data for Synthetic Aperture Radar (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:** C/C++, Java, Python, BASH, SML, Basic, x86, JavaScript
	Markup Languages: HTML, LaTeX
	Software: Matlab, Mathematica, Unity, Autodesk, Visual Studio, Git, SVN
	Frameworks: Eigen, Boost, OpenCV, PCL, OpenGL, GLSL, Halide, Qt, Android, Google Tango, 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	