EDUCATION	University of California - Berkeley			
	Ph.D. in Electrical Engineering and Computer Sciences	May 2015		
	M.S. in Electrical Engineering and Computer Sciences	May 2013		
	GPA: 4.00/4.00			
	3D and 2D surface reconstruction algorithms for architectural modeling			
	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	Google	03/2016 - Present		
EXPERIENCE	Staff Software Engineer - AR Team	00/2010 1100000		
	- Tech lead for ARCore Depth API.			
	- Developed real-time passive depth sensing on mobile hardwar	e.		
	- Tech lead on real-time 3D reconstruction techniques with noisy depth on smartphones.			
	- Tech lead on foreated rendering techniques for mobile VR headsets.			
	- Developed custom hardware-foreation displays for VR.			
	- 11 patents filed.			
	Indoor Reality, Inc.	06/2015 - 03/2016		
	Chief Technology Officer (CTO)	, , ,		
	- Principal Investigator (PI) on multiple federal grants totalling \$2 Million.			
	Tech lead in developing hardware, software, and algorithms used for automatic and rapid indoor building 3D modeling via backpack-mounted scanning system.Developed software for data collection, algorithmic processing, and visualization.			
			- Supervisor for visualization and deployment development team	m.
			- 3 patents filed.	
	@Maps	08/2014 - 12/2014		
	Principal Engineer			
	- Developed hardware systems and surface reconstruction software for building model-			
	ing. Research and development of camera calibration procedure	es.		
	Speir Technologies	01/2013 - 01/2014		
	Software Development Consultant			
	- Developed demo application and 3D modeling algorithms for remote viewing medical			
	ultrasound scanning.	05/0011 00/0011		
	MIT Lincoln Laboratory	05/2011 - 08/2011		
	Summer Intern - Group 104: Intelligence and Decision Theory			
	(SAR) CCD track-finding.			
	TECHNICAL	Programming Languages: C/C++, Java, Python, Matlab, BASH, x86		
SKILLS	Markup Languages: HTML, LaTeX, Markdown			
	Software: Unity, Autodesk Revit, Recap, Navisworks, AutoCAD, SolidWorks, Visual			
	Studio, Git, SVN			
	Frameworks: Eigen, Boost, OpenCV, PCL, OpenGL, GLSL, Halide, Qt, Android, Google Tango, Doxygen			
	Awanded Best Student Depen CPADD 2014	01/9014		
ΑΠΟΟ	Awarded NSDEF Fellowship	09/2013 - 05/2016		
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