

## Eric Lee Turner, Ph.D.

elturner.github.io

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(703) 401-0537

### 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, 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 Competition