

# Andrew Chan

Electrical Engineering & Computer Sciences  
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## Experience

- 2017-2018 *Course Reader, CS70*  
DISCRETE MATHEMATICS & PROBABILITY THEORY  
Grade coursework, tutor students at office hours.
- 2017-2018 *Project Manager, CodeBase at Berkeley*  
SUTRO  
Lead developer of team that created the app for Sutro, a water monitoring device manufacturer.  
Currently PM of mentored project, teaching members skills needed to work with clients.
- 2017 *Software Engineer Intern, Webroot*  
THREAT INTELLIGENCE  
Infrastructure automation. Improved threat intelligence API response times by an order of magnitude at >10k concurrencies.
- 2016 *Research Engineer Intern, HERE*  
SELF-DRIVING RESEARCH  
Created Google StreetView clone in JavaScript to label panoramic imagery for street-sign classifier.  
Constructed data visualization pipeline for algorithms to detect map changes on a global scale.

## Education

- 2015-2019 *BA in Computer Science, University of California, Berkeley*  
GPA: 3.61 Overall, 3.7 Major  
SELECT COURSEWORK: CS 189 Machine Learning, CS 170 Algorithms, EE 126 Probability, MATH 110 Linear Algebra, MATH 53 Calculus III, PHYS 89 Mathematical Physics, PHYS H7B Thermodynamics and E&M (Honors)
- 2013-2015 *Science Honors Program, Columbia University*  
Selective seminar program for advanced high school students.

## Projects

- 2017 *Farmr*  
HACKDAVIS 2017  
A React Native app where farmers can take a picture of their crops to diagnose crop conditions.  
Photos are run through an image classifier trained on an open dataset of 50k plant images.
- 2015 *Tweet Runner*  
3RD PLACE WINNER, BERKELEY CSUA HACKATHON  
A web game where enemy spawns are affected by Twitter in realtime.