

## Contact

[www.linkedin.com/in/ian-goodfellow-b7187213](http://www.linkedin.com/in/ian-goodfellow-b7187213) (LinkedIn)

## Top Skills

Artificial Intelligence  
Machine Learning  
Computer Vision

## Languages

Italian (Limited Working)

## Publications

Generative Adversarial Networks  
Multi-digit Number Recognition from  
Street View Imagery using Deep  
Convolutional Neural Networks  
On the Challenges of Physical  
Implementations of RBMs

# Ian Goodfellow

Director of Machine Learning  
San Francisco Bay Area

## Summary

I'm an industry leader in machine learning.

## Experience

Apple

Director

March 2019 - Present (1 year 6 months)

I'm a Director of Machine Learning in the Special Projects Group.

Google

2 years 1 month

Senior Staff Research Scientist

November 2018 - March 2019 (5 months)

Mountain View

Staff Research Scientist

March 2017 - November 2018 (1 year 9 months)

OpenAI

Research Scientist

March 2016 - March 2017 (1 year 1 month)

San Francisco Bay Area

Google

1 year 9 months

Senior Research Scientist

November 2015 - March 2016 (5 months)

As a member of the Google Brain team, I work on deep learning, both in terms of basic research and in terms of improving products.

I'm writing a textbook on deep learning along with my PhD thesis advisors:

[www.deeplearningbook.org](http://www.deeplearningbook.org)

Research Scientist

July 2014 - November 2015 (1 year 5 months)

## Mountain View, CA

During my first year and change at Google, I contributed to TensorFlow, designed a new method for generating adversarial examples and using them to improve neural networks, made a bunch of visualizations showing that neural network loss functions aren't full of scary obstacles after all, supervised intern Tianqi Chen as he developed a method for rapidly transferring knowledge between neural networks, and did many other fun deep learning-related things.

## Google

### Software Engineering Intern

June 2013 - September 2013 (4 months)

Worked with the Street Smart team to create a deep neural network capable of reading address numbers from Street View imagery. This system was used to add or update the location of over 100 million houses within the first few months of its deployment.

## Willow Garage

### Summer Intern

2009 - 2009 (less than a year)

I had the good fortune to get to be an intern in this now-closed, iconic robotics institution.

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## Education

### Université de Montréal

PhD, Machine Learning · (2010 - 2014)

### Stanford University

Bachelor of Science, Master of Science, Computer Science · (2004 - 2009)