

## Contact

[www.linkedin.com/in/smola](http://www.linkedin.com/in/smola)  
(LinkedIn)  
[alex.smola.org](http://alex.smola.org) (Personal)  
[www.amazon.com](http://www.amazon.com) (Company)

## Top Skills

Machine Learning  
Optimization  
Statistics

## Languages

English (Native or Bilingual)  
German (Native or Bilingual)  
Italian (Professional Working)

## Publications

Discovering Geographical Topics in  
the Twitter Stream

## Patents

Utilizing Offline Clusters for Realtime  
Clustering of Search Results  
Data Mining Unlearnable Data Sets  
Term Weighting for Contextual  
Advertising

# Alex Smola

Machine Learning at Amazon  
Sunnyvale, California

## Summary

Check out our new book project: <http://www.d2l.ai>

We are hiring - if you're looking for a job in deep learning email me. C/C++ and Python are a plus. Experience with deep learning, statistics, or high performance computing desired.

Join my team at Amazon!

TL;DR: I'm really not looking for another job. Very happy where I am.

Dear recruiter,

PLEASE read before you spam me. Your company {insert super cool name here} is very interesting. And I agree that {insert some name} is highly skilled, in particular given his background at {insert top university or company}. And I wish you the very best in getting top talent.

However, given that I just moved to Amazon in July 2016 I will not be able to help with your startup. That said, if you're an AWS customer, Amazon always wants its customers to be happy and I'm happy to hear what you want (please e-mail, not in-mail, not phone).

I am currently really not looking for another job. And please don't call me by phone about it. Please don't make me close my LinkedIn account.

In case you're a recruiter telling me about an awesome candidate, please have the candidate contact me directly. In fact, the latter is any good, he/she'd probably know the relevant teams anyway and reach out directly without a recruiter.

Alex Smola

Project log:

- Finished Yahoo in May 2012
- Working at Google until end of 2012.
- Professor at CMU 2013-2017
- Director at Amazon Machine Learning from July 2016 on

I work on machine learning and statistical data analysis. This includes application areas ranging from document analysis, bioinformatics, computer vision to the analysis of internet data. In my work I have supervised numerous PhD students and researchers and I have written over 200 papers, written one book and edited 5 books. My specialties are deep learning, kernel methods, unsupervised models, fast samplers, user models, etc. This includes highly scalable models which work on many TB of data and hundreds of millions of users.

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## Experience

Amazon Web Services (AWS)

Distinguished Scientist / VP

March 2019 - Present (1 year 1 month)

East Palo Alto, CA, United States

Amazon

Director

July 2016 - Present (3 years 9 months)

San Francisco Bay Area

Machine Learning

Carnegie Mellon University

Professor

January 2013 - October 2017 (4 years 10 months)

Machine Learning at scale

Marianas Labs

CEO

January 2015 - December 2015 (1 year)

San Francisco Bay Area

Research, engineering, product planning.

Google

Visiting Scientist

March 2013 - January 2015 (1 year 11 months)

Mountain View, CA

Distributed and large scale data analysis. Taking a break for a few months to focus on things at CMU.

Google

Visiting Scientist

May 2012 - December 2012 (8 months)

Mountain View

Even more data.

UC Berkeley

Adjunct Professor

January 2012 - December 2012 (1 year)

Berkeley

I'm currently teaching a class on scalable machine learning at UC Berkeley. See <http://alex.smola.org/teaching/berkeley2012> - watch the videos if you want to learn about how to scale your algorithms.

Yahoo!

Principal Research Scientist

September 2008 - May 2012 (3 years 9 months)

Santa Clara

Huge nonparametric models. User profiling. Statistical Modeling. Distributed optimization. Content analysis.

NICTA

4 years

Professor

2004 - 2008 (4 years)

Program Leader

2004 - 2008 (4 years)

Australian National University

Group Leader

May 2001 - May 2004 (3 years 1 month)

Fraunhofer Berlin (formerly GMD)

PhD Student

October 1996 - November 1998 (2 years 2 months)

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## Education

Technische Universität Berlin / Technical University Berlin

PhD, Computer Science · (1996 - 1998)

Technische Universität München

Diplom (Master's degree), Physics · (1991 - 1995)