

# Akshay N Patil

☎ (630) 687 - 0553 @ akshay@akshaynpatil.com 🌐 <http://www.akshaynpatil.com> 📍 San Francisco, CA

## SUMMARY

Experienced problem solver with a proven track record of solving real-world algorithmic and data analysis problems.

## EXPERIENCE

### Sr. Modeling Scientist

[Quantcast](#) 08/2013 - ongoing San Francisco, CA  
<https://www.quantcast.com/measure/>

- Led the development and implementation of Audience Grid and Audience Interests pipelines for Quantcast Measure. These were brand new products that provide deeper insights on audiences across millions of web properties.
- Conceptualized and developed Political Affiliation and Engagement segments for Quantcast Measure clients. The product went live in under 1 month to align with the 2014 US Midterm Elections and allowed Quantcast to be the first free analytical tool to provide these insights.

### Research Intern & Visiting Researcher

[Palo Alto Research Center Inc. \(PARC\)](#) 2011 - 2013 Palo Alto, CA  
<http://www.parc.com>

- Designed and implemented techniques to detect malicious behavior in a massive multiplayer online role-playing gaming environment (MMORPG).
- Developed prediction models to predict attrition/churn in an organization. The work was performed as part of the DARPA ADAMS program.

### Software Engineering Intern

[Life Technologies Inc.](#) 06/2010 - 09/2010 Foster City, CA  
<http://www.thermofisher.com/>

- Designed & developed an in-house tool known as alntool to benchmark and test short-read gene sequence alignment algorithms.

## AWARDS

🏆 Best Measure Hack & Most Insightful Hack Quantcast Hackathons [2014, 2015]

🏆 Best Data Analysis, Quantathon [2014]

🏆 American Sociological Association Outstanding Dissertation in Progress Award [2013]

🏆 Stony Brook University Fellowship [2009]

## TECHNOLOGIES AND SKILLS

Map-Reduce

Data Analysis

Machine Learning

Java

Python

Social Networks

## SELECTED PUBLICATIONS

### Instagram Is Where to Find Democrats Online, But Don't Expect Them to Vote

[Quantcast Data & Insights Blog](#)

*Akshay Patil, and Nick Binder*  
09/2014

### Field experiments of success-breeds-success dynamics

[Proceedings of the National Academy of Sciences \(PNAS\)](#)

*Arnout van de Rijt, Soong Moon Kang, Michael Restivo, and Akshay Patil*  
05/2014

### Predicting Group Stability in Online Social Networks

[Intl. Conference on World Wide Web \(WWW\)](#)

*Akshay Patil, Juan Liu, and Jie Gao*  
05/2013

### Modeling Destructive Group Dynamics in Online Gaming Communities

[International AAI Conference on Weblogs and Social Media \(ICWSM\)](#)

*Akshay Patil, Juan Liu, Bob Price, Hossam Sharara, and Oliver Brdiczka*  
06/2012

## EDUCATION

### PhD, Computer Science

[Stony Brook University](#)

06/2009 - 06/2013 Stony Brook, NY

- Dissertation: Analyzing Dynamics in Online Social Networks

### MS, Computer Science

[Stony Brook University](#)

09/2007 - 05/2009 Stony Brook, NY

### BE, Computer Engineering

[University of Mumbai](#)

06/2003 - 06/2007 Mumbai, India