

# Adam Gray

Sunnyvale, CA

## Skills

*Math, Physics, and Science.*

*Platforms:* Linux, AWS, Unix, Solaris, \*BSD, Windows

*Tools of The Trade:* bash, python, puppet, boto, AWS, Aliyun, Jenkins, git

*Data Systems:* MySQL, Cassandra, CouchDB, Redis, Hadoop, Hard Drives, Paper and Pen

## Education

*The Ohio State University, Columbus, Ohio*

B.S. Physics, Spring 2006, GPA: 3.4

## Experience

**Quixey** - *Engineering Manager, DevPlatform (November 2014 - Present)*

- Grew a team from 3 to 6 engineers
- Own my team's vision, direction and execution towards improving the development platform
- Act as SCRUM facilitator, incrementally improving velocity and execution of team

**DevOps Engineer** (*May 2013 - November 2014*)

- Provide teams with automation, tools, and training for a self-service approach to Operations
- Automated many high-overhead processes including management for Hadoop, Kafka, Zookeeper
- Became the subject matter expert on AWS with little prior experience.

**Google** - *Systems Engineer (June 2012 - May 2013)*

- Sole Operational Engineer supporting up to 4B page views and 230M users per month
- Coordinate decommissioning plans among various departments
- Vendor management including negotiation, payment, cancellation, and reimbursement

**Meebo** - *Lead Data Systems Engineer (June 2011 - Acquired June 2012)*

- Guided architectural decisions regarding data systems for 600-server infrastructure
- Launched and maintained cross-datacenter Cassandra, clustered CouchDB, sharded MySQL
- Implemented Machine Learning algorithms on user data

**Server Operations Engineer** (*August 2007 - June 2011*)

- 3 datacenter moves with sub-minute downtime
- Deployed puppet on existing 400 server infrastructure

**Battelle Memorial Institute** - *Research Associate (Autumn 2005 - August 2007)*

- Stress, strain and failure studies of new designs using FEM/A
- Managed 90 processor high-performance computing cluster

**Dept. of Physics, OSU** - *Student Programmer (Summer 2004 - Summer 2006)*

- Developed web interface for molecular dynamics software using PHP
- Created an online scientific collaboration environment using PHP and MySQL

**Unit One Nine** - *Web and Flash Developer (Spring 2004 - Autumn 2006)*

- Developed corporate and client websites and Flash ads for AOL AIM using ASP, PHP, Windows and Linux

References available upon request.