

Adam Gray

Sunnyvale, CA

Skills

Math, Physics, and Science.

Platforms: Linux, Android, 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

Experience

Facebook - *Production Engineer (June 2015 - Present)*

- Worked in central infrastructure team providing application configuration management.
- Driving vision for UX simplicity in API and tooling.
- Mobile client application development for Messenger family apps.
- Driving vision for mobile client reliability and scalability.

Quixey - *Engineering Manager, DevPlatform (May 2013 - June 2015)*

- Manager: Grew a team from 3 to 6 engineers
- Manager: Own my team's vision, direction and execution towards improving the development platform
- Manager: Act as SCRUM facilitator, incrementally improving velocity and execution of team
- Individual Contributor: Automation, tools, and training for a self-service approach to Operations
- Individual Contributor: Automated high-overhead processes: management for Hadoop, Kafka, Zookeeper
- Individual Contributor: 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.