

Michael J. Kelly

Software Engineer in New York City. m@michaelkelly.org, <https://www.michaelkelly.org>.

Work

My recent work deals with reliability of web serving paths, automating machine and service provisioning, and documenting configuration and procedures. I've been using Python and a little Go, on Linux.

Vimeo, 2015-present: *Site Reliability Engineer*. Work on machine provisioning, configuration management, architecture improvements, documenting architecture and procedures. Pilot use of a datacenter scheduler (Mesos). Focus on standardizing and automating common procedures. Part of 24/7 on-call rotation for vimeo.com.

Google, 2009-2015: *Site Reliability Engineer*. Co-designed and built framework for automated testing of data recovery; backup pipeline improvements. Datacenter reliability, large-scale failure simulations. Rollout automation and part of 24/7 on-call rotation for distributed lock service ([Chubby](#)).

Google, 2008: *Intern, Site Reliability Engineering*. Designed and wrote extension to archiving utility for increased scalability.

University of California, San Diego, 2006-2009: *Programmer*. Research project to webcast lectures, facilitate active learning exercises, etc. <http://up.ucsd.edu>.

University of California, San Diego, 2006-2008: *Computer Science Tutor/Undergrad TA*. Grading projects and tests, and holding office hours for for systems programming, compilers, and introductory courses.

Google, 2007: *Intern, Software Quality Assurance*. Automated performance testing and reporting for a large-scale web application.

Play

GitHub profile, <https://github.com/mjkelly>, has recent small-scale side projects.

Open source contributions, 2013-2014: Minor contributions to [Go](#) standard library and [hterm](#) (terminal emulator for ChromeOS).

Mongol Rally, 2009: With 3 friends, bought a car in Germany and drove from England to Mongolia, fundraising for the Mercy Fund in Mongolia.

School

University of California, San Diego, 2009: Bachelors of Science, Computer Science.

Student radio, 2006-2009: Webmaster, sysadmin, and sometimes DJ at [KSDT](#), the student radio station at UC San Diego.

rev: 2017-02-03