Michael J. Kelly

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

I love building great software and keeping it running. My recent work involves web service reliability, automating machine provisioning and configuration, and keeping processes consistent and documented. I've been writing Python and Go on Linux.

Work

Vimeo, 2015-present: *Lead SRE (2017-present), Site Reliability Engineer.* Focus on automating and standardizing common procedures: machine provisioning (CentoOS 6 and 7 on bare metal and VMWare VMs), configuration management (Chef), piloted datacenter schedulers (Mesos, Kubernetes). Wrote alert playbooks, and onboarding docs for new team members. Managed team of 3. 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. Worked on datacenter reliability, and ran a real-life large-scale power failure exercise. Wrote rollout automation, and was part of 24/7 on-call rotation for core infrastructure 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.

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. (I have no involvement with the current website.)

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.