Maggie Zhou

Email: emmbeezee@gmail.com
Twitter: @zmagg
Web: zmagg.com

Work Experience

Etsy

Senior Software Engineer — *Nov 2015 - present*

Software Engineer — *Dec 2013 - Nov 2015*

- Technical lead of a five engineer team tasked with migrating live customer orders data to a new data store while maintaining a high availability platform for buyers to checkout on Etsy.
- Redesigned our database sharding architecture. As a team of four, we reduced a two-months per year operations task to one-week per year and stopped routine maintenance on our storage layer from locking sellers out from Etsy. I gave a talk [link] about this project at ScaleConf 2015 and Percona 2015.
- Member of the five-person Architecture Review Working group, where we help steer Etsy's collective technical decision making, with an emphasis on continuous learning. I gave a talk [link] about some of Etsy's practices around this at OSCON Amsterdam 2015.
- Member of a web infrastructure team responsible for building out, maintaining, and debugging Etsy's web production software. Smaller projects included: designed an active cache invalidation system for performance critical requests to an edge datacenter, standardized the DSL of the internal API framework, engineered our Graphite/StatsD metrics collection to be resilient to spikes and increased traffic.

Google — *Aug 2011 - June 2013*

Commerce, Software Engineer

- Full stack (Javascript/Java/MySQL/on-call) web development for new product launch.
- Designed and rewrote batch map-reduce job that publishes Offers data to different indexes. New design allowed independent teams to easily hook into the framework and specify their own publish specs.
- Led the Offers Publisher team (6 people) to 2nd highest Google testing certification
- Converted a prototype of an experimental logistic regression forecasting engine for Offers sales to a full deployment serving 3 clients.

Education

Recurse Center — *Summer 2013*

University of North Carolina at Chapel Hill — *2007 - 2011*

B.S. with Honors in Computer Science

Misc.

!!Con

Co-founder, Organizer — *2014, 2015*

Cofounded !!Con (a conference to celebrate the joyous, exciting, and surprising moments in computing). Organized for two years. The conference is still going strong.