Gregory Szorc
353 King St. #734
San Francisco, CA 94158
gregory.szorc@gmail.com
https://github.com/indygreg
765.432.3615

Education

Case Western Reserve University   B.S.E. in Computer Engineering   2002 – 2006

Experience

Engineer, Xobni   July 2010 - Present

- ◊ Primary engineer for Xobni Cloud contact and email management service
- ◊ Lead transition of operational monitoring and system management from "wild west" by utilizing Puppet and Opsview/Nagios

Software Development Engineer, Tellme Networks / Microsoft   2007 – June 2010

- ◊ Built, deployed, and maintained numerous web services and servers receiving millions to billions of queries per year while operating near 99.99% availability
- ◊ Learned and utilized practices for deploying large scale, distributed, and redundant services
- ◊ Wrote applications for aggregating and monitoring geo-distributed events for near real-time alerting and statistical analysis
- ◊ Developed enhancements to system used to provision thousands of servers
- ◊ Evangelized and deployed better tools for engineers (source code systems, code review practices, auditing practices, internal tools)
- ◊ Became go-to person for questions on Apache httpd, compiling packages, mod_perl, others

Skills

Programming Languages

Highest Competency	C, C++, C#, ECMAScript, Perl[1], PHP, Python
Intermediate	SQL, Lua (C and script), Erlang
Hobby level	Verilog, Java, D (DTrace)

Applications   Apache httpd (inc. C module development), APR, BASH, Cassandra, Collectd, DTrace, GDB, GCC, MySQL, *NIX shell, OpenSSH, Opsview/Nagios, Puppet, Visual Studio, ZFS, 0MQ

Protocols   HTTP, TCP/IP, UDP, DNS, SIP, TLS

Misc   network load balancing techniques, distributed application development and deployment, scalable application design, passion for user experience

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[1] I'm skeptical of anyone who lists his or her Perl skills as "expert" and I'm not asserting my Perl skills are at this unachievable level