WESLEY SPIKES

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SUMMARY

An accomplished software engineer and architect with a passion for leadership, security, systems, and mentoring. I seek out challenges as opportunities for growth, handle ambiguous situations well, and can break down complex problems into creative solutions with actionable tasks.

I am seeking a challenging senior technical or leadership role at a forward-thinking company.

TECHNICAL STRENGTHS

Computer Languages	Go, Python, Bash, SQL, Perl, LaTeX
Operating Systems	Linux (CentOS, Gentoo, Ubuntu), OS X

EXPERIENCE

Squarespace Dec 2017- Present
Senior Software Engineer *Portland, OR*

· Successfully kept services online during the traffic spike from our annual Super Bowl ad.
· Architected and built a black box caching system for all customer websites; increased responsiveness from the CMS and reduced the number of requests to the application by 60%, in turn reducing HW requirements to run the platform. (Go, VCL, Python, Perl)
· Designed and built a system ensuring reliable broadcast of cache invalidation requests to all cache nodes. (Go, Java)
· Built a Varnish module to offload security operations onto the cache layer. (C)
· Managed the sunsetting of early TLS support, including communication with stakeholders. (Java)

DreamHost Oct 2014- Aug 2016
Senior/Lead Software Engineer *Los Angeles, CA*

· Leadership and Mentoring: Managed two direct reports. Involved in technical hiring.
· Architecture: Technical lead on the API2, Malware Remover, VPS-SSD, DreamPress 2 projects.
· Infrastructure: Automated system configuration for 50K machines using Chef and an in-house system.
· Core Dev: Major contributions to the foundations and billing of an old codebase (1997).
· Security: Post-exploit incident response. Reported several notable issues.

DreamHost Jan 2011- Oct 2014
Software Engineer *Los Angeles, CA*

· Projects: Dedicated Servers, CafeCommerce
· Testing and CI: Created testing framework and practices, along with supporting CI processes.
· Git Transition: Significant contributor in transition from subversion to git.
· Research and Documentation: Created detailed documented how fraud detection systems worked.

DreamHost Nov 2009- Jan 2011
Technical Support *Los Angeles, CA*

· At the time, DreamHost only hired graduates from Harvey Mudd College into the development teams.
· I joined into the Support team as a way into the dev teams, with the full support the VP of Support. (I was open and honest about this goal in the interview process.)
· Within 6 months, I was writing utilities for the support teams. A few months later, I was working 50% of the time with the dev team.

Page Provider   Dec 2006- Nov 2009

Systems Administrator   *Rancho Cucamonga, CA*

· Startup hosting provider.

· Built and deployed custom kernels and software for colocated customers.

· Provisioned, deployed, configured, and managed both servers and services.