

COLIN SCHIMMELFING

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Swarthmore College - Double major in CS and Astrophysics - BA - 2010 - GPA 3.4

WHY ARE YOU READING THIS?

I wish to make a positive difference in the world and I am fortunate that what I find fascinating can be used powerfully towards realizing that goal. You are reading this because you need a competent, enthusiastic, and amenable person to help you push the world towards a better place, and you think I might be right for the job. If that's the case, I'd love to discuss further how we can work together.

WHAT HAS COLIN BEEN WORKING ON?

Full Stack Engineer - *Clever Inc, San Francisco, CA* February 2014 - Present

- γ Part of a small engineering team overseeing the correctness and availability of data for **30,000 schools**
- γ Designed and implemented improvements on backend systems and data processing capabilities
- γ Conducted hundreds of interviews for all teams and worked closely with recruiting

R & D Software Engineer - *Quantcast, San Francisco, CA* October 2012 - February 2014

- γ **Won internal hackathon** with a real-time view of QC measurement product, joined the R & D team
- γ Took the hacked project to a fully-featured (and very stable) product: **Real-Time Measurement**
- γ Created real-time data analysis tools using Cassandra and operationally owned said cluster

Production Operations Engineer - *Quantcast, San Francisco, CA* September 2011 - October 2012

- γ For some of this period of time, was **one of two ops in charge of all data-based operations**
- γ Responsible for productionization of adserver integration, client reporting, data analytics, creatives (ad) management, ad billing data pipeline
- γ Integral in interviewing and onboarding 3 new team members - led weekly iteration planning

Java Developer - *Detica LLC, NetReveal Unit, McLean, VA* July 2010 - September 2011

- γ The **US 'go-to' person** about Java, Linux, Systems, JS and web dev, Oracle, Perl, Tomcat, and Bash
- γ Automated, deployed, and optimized client data systems working closely with other sysadmins

System Administrator - *WSRN & Swarthmore College Computing Society* January 2008 - July 2010

- γ **Directed SCCS senior year**, including acting as liaison to college administration
- γ Fully administered web streaming, podcasts, and Django **web presence of campus radio station**
- γ Configured and managed a Debian, Mac and PC network with a small student team, mailing lists for all student groups

Undergraduate Computer Science Researcher - *Swarthmore College* June 2009 - August 2009

- γ Created a **filesystem residing on the RAM of idle network computers** ([paper](#))
- γ Researched distributed systems applications on an HHMI grant, presented [research](#) at a convention

ANYTHING ELSE COOL?

- γ Undergrad Astrophysics Exoplanet Research
- γ Loves to backpack & camp
- γ Fan of dystopian novels
- γ Really wants to learn: Go, Mandarin, and the harmonica
- γ Taught Python class for non-engineers at Quantcast
- γ Went on a month-long solo trip to India
- γ Took 7 years of Latin, thought he was going to major in Classics

I WOULD LIKE SOME BUZZWORDS, PLEASE.

Operating Systems: Linux: RHEL, CentOS, Debian, Ubuntu; OSX; Windows familiarity

Languages: Python, Coffeescript, Golang, Java, Ruby, HTML/CSS, Bash, Javascript, C, SQL

Frameworks: REST, Mongo/Cassandra/Postgres/MySQL/Oracle, Express/Django/Rails/Spring, Flask, Bottle/Sinatra, D3/Bootstrap/Backbone/Angular, SaltStack/Puppet/Ganglia/Nagios/RPM