

Colin Schimmelfing

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Work Experience

Education: Swarthmore College, Double Major in Astrophysics and Computer Science, 2006 - 2010

Texas Democratic Party - DATA MANAGER

October 2018 - November 2018

Data Team

Austin, Texas

- Created an ETL pipeline to feed in voting data from 254 counties with unique data formats
- Scaled analytics and automated reports at different levels of granularity for dozens of active campaigns across Texas
- Part of a team that delivered the best results for Texas Democrats in decades: we flipped 2 US House and 14 state seats

Clever - ENGINEERING MANAGER

March 2016 - June 2018

Data Engineering and Internal Products Team

San Francisco, California

- Managed and PMed a team of 5 overseeing: Clever's analytics pipeline & microservices, and Clever's internal tools including internal power-user tools, Salesforce, automated emails, and our marketing website
- Grew our Customer Success efficiency 4x, allowing us to service 4x the business with the same headcount
- Kept billing, quota attainment, and financial reporting functions of Clever functional during a 6-month period where Clever had 3 Finance VPs and 5 Accountants, while completing a company effort to switch our main billing / quota metric
- Implemented CraftCMS-based clever.com, allowing Marketing users to create product pages, webinar landing pages, and new copy without Eng help
- Grew a diverse team that was over-subscribed with interest to join from other engineers

Clever - FULL STACK ENGINEER

March 2014 - March 2016

8th Member of the Engineering Team

San Francisco, California

- Wore many hats in the early days of Clever - integral in growing our installed, paid subscription base by 1500%
- Helped move from Node and Python monoliths to Golang microservices
- Designed and led a full analytics pipeline overhaul, resulting in a 90% drop in reliability issues and a promotion
- Implemented Clever's integration with Salesforce, the foundation for massive growth in our core metrics
- Working closely with Customer Success, built customer self-service tools to eliminate the top driver of support requests

Quantcast - SENIOR SOFTWARE ENGINEER

October 2012 - March 2014

Research and Development Team

San Francisco, California

- Won the Quantcast company hackathon along with one partner (\$10,000 and options) with a real-time visualization tool
- Productionized said tool, using Storm to ingest >10,000 events per second in datacenters around the world
- Developed interactive mapping tools to allow customers to visualize their ad spend in 4 different countries
- Built an ETL pipeline and data-cube-like tools on top of Cassandra and Sawzall

Quantcast - PRODUCTION OPERATIONS AND DATA ENGINEER

September 2011 - October 2012

Production Operations Team

San Francisco, California

- Responsible (with a small 2-4 person team) for operations for all analytics processing, including input to billing systems
- Responsible for productionization of adserver integration, client reporting, data analytics, creatives(ad) management
- Led weekly sprint plannings, working with stakeholders across Quantcast to manage expectations and ensure quality

Detica Net Reveal - SOFTWARE ENGINEER

June 2010 - September 2011

Implementation and Customization Team

McLean, Virginia

- US 'Go-To' person for Linux, Java, Javascript and Web development, Systems, Oracle, Perl, Tomcat and Bash
- Automated and deployed anti-fraud data systems at a company handling 100% of consumer checks in the US

Swarthmore College - CS RESEARCHER AND SYSADMIN

January 2008 - June 2010

CS Department and Student Computing Society (SCCS)

Swarthmore, Pennsylvania

- Created a distributed filesystem residing on the RAM of idle network computers
- Directed SCCS senior year, including acting as liaison to college administration
- Fully administered web streaming, podcasts, and Django web presence of campus radio station

Skills / Buzzwords

Expert

PostgreSQL, Python, Go, Mongo, React, AWS, Docker, Linux, Redshift, Salesforce, CraftCMS, Microservices, ChartIO
Eng interviewing and recruiting, Feedback and performance management, Team identity and morale

Proficient

Javascript, NodeJS, Redux, Java, Cassandra, Excel, HP Vertica, Oracle, Greenplum, Django, Wordpress, Tableau,
AngularJS, Hadoop, Saltstack, Selenium, Apache Storm, Marketo