Josh Chorlton

4A | Software Engineering | University of Waterloo

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Languages:	Go	Python	SQL	Java	Javascript	HTML5	CSS3	Less
Frameworks:	ReactJS	Redux	Tornado	Flask	AngularJS	Bootstrap		
Tools:	Docker	Git	Linux	AWS	Vim	App Engine	Mac	IntelliJ	Eclipse

💼 Work Experience

Snap
Software Engineer

January 2017 — Present
Los Angeles, California

- Implementing caching to improve performance when loading stories

Docker
Software Engineer

May 2016 — August 2016
San Francisco, California

- Instituted policies ensuring only signed images can be used in Docker Datacenter, yielding end-to-end security
- Revamped garbage collection in Docker Trusted Registry, allowing Docker to scale to its biggest customers
- Developed activity streams to maintain a searchable, comprehensive history of events

Uber
Software Engineering Intern

August 2015 — December 2015
San Francisco, California

- Migrated everything related to promotions to a microservice, including API endpoints and database access
- Wrote promotion redemption flow executed by all rides to find the most suitable promotion to apply
- Implemented ETL monitoring to measure and alert based on data transfer speeds and consistency
- Wrote a job to periodically delete millions of unneeded database rows to deal with scaling issues
- Dealt with insane scaling issues every day using tactics like caching, indexes, code optimizations, etc.

Symphony Commerce
Full Stack Software Engineer

January 2015 — July 2015
San Francisco, California

- Overhauled customer management pages, drastically improving customer support efficiency
- Introduced tiered wholesale accounts, enabling storeowners to set tiered limits on wholesalers such as minimum purchase requirements
- Refactored store checkout and product pages, reducing network traffic and seeing speed gains of >24%
- Identified and fixed a security vulnerability where data was being sent to external services unknowingly

</> Projects

More projects at joshchorlton.com, all code available at github.com/jchorl.

FinanceJC - finance.joshchorlton.com

2016-2017

- Keep track of finances with support for templates and recurring transactions
- Hosted on EC2 with Go server, Postgres database, nginx and elasticsearch

Framed - framed.joshchorlton.com

2016

- Easily embed a picture frame on a website with photos from a Google Photos album