

Renning Bruns

Los Angeles, California

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Experience

Amazon

Los Angeles (Remote)

Software Development Engineer

2016–present

- Built "on call" documentation to drastically reduce engineer effort when dealing with seller facing issues.
- Forecasted Q4 peak traffic for inbound shipment data for years 2016 and 2017.
- Lead team through Q4 preparation exercises to ensure our services were properly scaled for holiday season.
- Designed new APIs providing access to modify shipment metadata for other teams.
- Prototyped usage of AWS lambda for processing streaming shipment data for team.
- Designed and built small Elasticsearch service for shipment data for team to query against.

HauteLook

Los Angeles

Senior Software Engineer

2015

- Designed and implemented SolrCloud deployment in EC2.
- Built API using the Scala Lift framework to interface with SolrCloud.
- Developed a supervisor service in Scala to manage SolrCloud auto-scaling.
- Reduced customer wait time for search results from 1200ms to 300ms (avg).
- Mentored colleagues on Functional Programming fundamentals.

IXL Learning

San Mateo

Software Engineer

2014–2015

- Implemented randomized math problem generators in Java for student practice.
- Designed, developed, and implemented full CI deployment for a Scala Lift application.
- Developed Ansible playbooks for system configuration and management.
- Prototyped a ML deployment using Mesos to run computations through Spark and Storm.

LA Math Circle

Los Angeles

Teaching Assistant

2012

- Teach children advanced math concepts like non-Euclidean geometry and probability.
- Prepare age appropriate lesson plans for 3rd-4th grade students.

Angie C

Dillingham, Alaska

Salmon Fisherman

2011

- Coordinated crew shifts for watch, work, and maintenance.
- Utilizing 200 ft. gillnet to catch salmon.

Peanut Labs

San Francisco

System Administrator

2010–2011

- Maintained application, web, and database servers in a high availability environment.
- Took up responsibility for maintaining a Java web application.
- Created bash scripts and Puppet configurations to administer servers.

Sourcis

Folsom

Web Developer

2009–2010

- Part time programmer using PHP, Perl, HTML, and CSS.

US Air Force**Offutt AFB, Nebraska***Arabic Cryptologic Operator*

2005–2009

- Processed, exploited, analyzed, and disseminated signal intelligence information.
- Maintained language proficiency, training currency, and physical fitness.
- Researched, developed, and presented intelligence briefings on Middle East current events.
- Held TS/SCI security clearance.

Education and Training

UCLA**Los Angeles***Bachelor of Science, Mathematics*

2013

US Air Force**Offutt AFB, Nebraska***Cryptologic Operator Training*

2009

- In-depth study of Middle East militaries and radio theory.
- Trained on the operation of system hardware to perform duties.