

# Renning Bruns

Los Angeles, California

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## Experience

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### Amazon.com, Fulfillment by Amazon

Los Angeles (Remote)

Software Development Engineer

2016–present

- Built "on call" documentation to drastically reduce engineer effort when dealing with seller facing issues
- 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

2015–2015

- 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**

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**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