

Hugo Cao

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8-year software developer passionate about building and learning, experience in Java.

Skills

AWS Infrastructure

IAM, APIGateway,
CloudFormation, Lambda

WebServices

Backend: Java
Frontend: React

Other tools

Git, Maven, CI/CD tools, Linux,
Emacs, Vim

Work Experience

Amazon Alexa Entity Resolution / Software Development Engineer

May 2018 - : Toronto, Canada

- Implemented cross account ElasticSearch reindexing Service using on AWS platform
- Led cross-team effort to make radio callsign get worldwide matching with machine learning model while replacing regular expression
- Fit in Japanese transliteration model into Alexa runtime using Amazon internal CICD and build tools
- Light Frontend work using reactJS and redux for internal teams to manage AWS resources

Thomson Reuters / Senior Software Developer

July 2017 - May 2018 : Beijing, China

- Data transformation work using Scala (SparkSQL) from HBase

IBM / Software Engineer

Oct 2015 - July 2017 : Beijing, China

- Added new component Titan into product to provide graphDB feature
- Created the automated process for the Titan installation using Python
- Collaborated with worldwide team to make Titan to cooperate with other components
- Designed and implemented the new feature for SQOOP to insert data using swift URL using Java

Deutsche Bank / JAVA Developer

Aug 2014 - Aug 2015 : Cary, North Carolina

- Collaborated and participate in the broker information- mapping system design for clearing house using Java GUI framework GWT-GXT
- Implemented logic layer for the mapping system: four-eye checker, workflow.

Syneren Technologies Corps / Software Developer

Dec 2012 - Jul 2014 : Arlington, Virginia

- Implemented Android app to control webcam using Node.js and Apache Cordova
- Built wordpress plugins using php for company website

Education

Eastern Michigan University / Master Degree / GPA 3.63

Sep 2010 - Apr 2012 : Ypsilanti, MI

Geographic Information System/Computer Science

Wuhan University / Bachelor Degree / GPA 3.2

Sep 2006 to Apr 2010 : Wuhan China

Spatial Information and Digital Technology

Interests

Linux Distro Hopper, and Tiling Window Manager, DE ricing fan.