
Sachin Makaram

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Skills

- Languages and Technologies
 - Java, Spark, Kafka, Elasticsearch, Go, C, HTML, CSS, JavaScript, PHP, SQL
 - Certifications
 - AWS Cloud Practitioner
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Experience

- American Express – **Software Engineer II** *Aug.2018 – Present*
 - Developing core data reconciliation and reporting services for the Network Transaction Repository
 - Developed a near-real time rule change notification system for Global Risk Technology that streams rule changes for the risk decision platform, Lucy, and pushes alerts to Slack and Outlook
 - UA Computer Science Department – **Teaching Assistant** *Jan. – May 2018*
 - CSC 337: Web Programming
 - Helped students understand concepts and debug code
 - Held office hours and graded assignments and exams
 - VMware – **PHP Developer Intern** *May – Aug. 2017*
 - Developed PHP and SQL code to enhance the user experience for the vExpert web tool, a social network for tech evangelists who use VMware products to help the community
 - Automated the platform virtualization process by programming the Amazon Echo AI to build and manage virtual machines using voice commands
 - Cisco – **IT Engineering Intern** *Jun. – Aug. 2016*
 - Expedited the CRM data workflow by writing java programs using Salesforce APIs to stream data from Salesforce to Apache Kafka and Hive
 - Moxtra – **Software Development Intern** *Aug. – Sep. 2015*
 - Improved company's Android SDK documentation by using it to build and test apps
 - Represented company at Hack the North in Ontario, Canada, helping developers troubleshoot problems they were having integrating Moxtra APIs
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Projects

- WhatAreThose *Jun. 2018 – Present*
 - Created an image recognition web app that allows you to import an image of a shoe and returns what brand and model of shoe it is using the Clarifai API
 - FootPrint *Aug. – Dec. 2017*
 - Created an android app with Firebase that allows you to input personal metrics for daily activities (transportation, food, and electricity), calculates your carbon footprint, and gives personalized tips and suggestions to reduce carbon emissions
 - PayMe *Apr. 2016*
 - Created an android app with Android Studio that allows you to scan a receipt, split the bill with friends, and request payments from friends you are splitting the bill with using the PayPal.me API
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Education

- University of Arizona – **B.S. Computer Science** *2016 – 2018*
 - Relevant Coursework: Operating Systems, Software Engineering, Data Structures, Algorithms, Database Design, Data Visualization, Object-Oriented Design