Sachin Makaram

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Education

- University of Arizona   *2016 – 2018*
  - B.S. Computer Science
- University of Washington   *2014 - 2016*
  - B.S. Computer Science

Coursework & Skills

- Coursework
  - Data Structures & Algorithms, Systems Programming & Unix, Analysis of Discrete Structures, Web Development, Android Development, Computer Programming I & II in Java, Linear Algebra, Multivariable Calculus, Statistics
- Languages
  - Java, HTML, CSS, JavaScript, PHP, SQL, JSP

Experience

- Cisco – **IT Engineering Intern**   *Jun. – Aug. 2016*
  - Wrote java programs using the Salesforce Streaming API to stream data from Salesforce and push to big data technologies like Apache Kafka and Hive
  - Migrated an existing application to the cloud using Docker
  - Graphed Cisco web analytics using ELK stack technologies
- Moxtra – **Software Development Intern**   *Aug. – Sep. 2015*
  - Updated company's Android SDK documentation by building android apps using it
  - Traveled to Hack the North in Ontario, Canada as a sponsor; helped solve problems with integration of Moxtra API
- TechLab Education – **Instructor**   *Jun. – Jul. 2015*
  - Taught 9 – 18-year-olds Java gaming, web development, and python

Organizations

- Startup UW – **Operations Executive Officer**   *2014 - 2016*
  - Organized joint Computer Science-Business student events
- Monta Vista Robotics Team   *2010 – 2014*
  - **Officer Public Relations Division**   *2012 – 2014*
    - Coached FIRST Lego League team, represented team for Chairman's Award Presentation, presented at IEEE Product Safety Chapter Meeting, etc.

Projects

- DigiDJ   *Jun. 2016*
  - An android app for music producers that allows them to filter and match songs in a music library by tempo, key, genre, etc. Uses the Spotify Web API.
- PayMe   *Apr. 2016*
  - An android app that allows you to scan a receipt to split the bill with friends. The app uses an OCR algorithm to parse characters on an image of a receipt and PayPal.me to request payments from people you are splitting the bill with.