Palo Alto, CA
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 benjaminran

Benjamin Ran

EDUCATION

University of California at Santa Cruz, Santa Cruz, California

Bachelor of Science, Computer Science   2014–2017 (Expected)
- GPA: 4.00/4.00

Gunn High School, Palo Alto, California
- GPA: 4.19 weighted, 3.83 unweighted   2010-2014

PROFESSIONAL EXPERIENCE

Waterline Data, Mountain View, CA

QA Intern   JUNE 2015–SEPTEMBER 2015
- Configured and debugged HDFS environments
- Wrote regression, integration and unit tests for the primary product
- Configured and worked with CDH and HDP Hadoop distributions using Kerberos authentication as well as Apache Sentry and Ranger authorization to ensure proper function of the Waterline Data Inventory in its interactions with HDFS and Apache Hive

PRIVATE PROJECTS

InTune

Android Application   JUNE 2014–PRESENT
Developing an app to perform pattern recognition of pitches played by musicians in order to give intonation feedback.

SOE Event Scraper

Web Service   MARCH 2015
Wrote and deployed a Python web scraper onto an Amazon EC2 Ubuntu server to be run daily as a Cron job that refreshes an iCalendar feed made publicly available through an Apache web server. The feed allows for subscription to the events listed on UCSC's engineering department website from calendar applications (i.e. Google Calendar).

Afraid of Flying

Android Application   MAY 2014-JUNE 2014
Published an app to the Google Play store that uses multiple sensors to detect and react to free fall. Completed entire development process, from functional testing and performance profiling to analytics and crash analysis.

SKILLS

- Android Development
- Web Development
- Backend Programming

- Hadoop
- HDFS Administration
- Kerberos

- Shell Scripting
- Test Automation
- CI Configuration

LANGUAGES

Java, Python, C/C++, SQL, Javascript, Bash, Groovy, Spanish

INTERESTS

Programming, Jazz, Trumpet, Gymnastics, Windsurfing