Benjamin Ran

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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 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 Hive

HackingEDU Hackathon, San Mateo, CA
Participant   OCTOBER 2015
- Worked in a team of four to create a web page recommender Chrome extension.
- Developed web crawler to find high quantities of related pages
- Implemented an algorithm to determine relevant webpages based on user's history

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

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	- Hadoop	- Shell Scripting
- Web Development	- HDFS Administration	- Test Automation
- Backend Programming	- Kerberos	- CI Configuration

LANGUAGES   Java, Python, C/C++, Javascript, Bash, Groovy, Scala, Spanish

BUILD SYSTEMS   Maven, Gradle, Make

INTERESTS   Programming, Jazz, Trumpet, Gymnastics, Windsurfing