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   JUNE 2015–SEPTEMBER 2015
QA Intern   Website
- 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   OCTOBER 2015
Developer   Devpost | Source
- 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 browsing history

PRIVATE PROJECTS

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

Afraid of Flying   MAY 2014-JUNE 2014
Android Application   Play | Source
Published an app to the Google Play store that uses multiple sensors to detect and react to free fall

SKILLS

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

LANGUAGES   Java, Python, C/C++, Javascript, Bash

BUILD SYSTEMS   Maven, Gradle, Make

VCS   Git

INTERESTS   Programming, Jazz, Trumpet, Gymnastics, Windsurfing