


BENJAMIN RAN

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EDUCATION	University of California at Santa Cruz , Santa Cruz, California <i>Bachelor of Science, Computer Science</i> 2014–2017 (Expected) - GPA: 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 <i>QA Intern</i> 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 <i>Developer</i> Devpost Source - Worked in a team of four to create a web page recommender Chrome extension.
PRIVATE PROJECTS	InTune JUNE 2014–PRESENT <i>Android Application</i> Source - Developing an app to perform pattern recognition on pitches detected by microphone in order to give musicians intonation feedback SoE Event Scraper MARCH 2015 <i>Web Service</i> Source - Created and deployed web crawler to scrape and publish a feed of UCSC Engineering events Afraid of Flying MAY 2014–JUNE 2014 <i>Android Application</i> Play Source - Published an app to the Google Play store that uses multiple sensors to detect free fall
SKILLS	<div>- Android Development</div> <div>- Hadoop</div> <div>- Shell Scripting</div> <div>- Web Development</div> <div>- HDFS Administration</div> <div>- Test Automation</div> <div>- Backend Programming</div> <div>- Kerberos</div> <div>- CI Configuration</div>
LANGUAGES	Java, Python, C, Bash, Javascript
BUILD SYSTEMS	Maven, Gradle, Make
VCS	Git
INTERESTS	Programming, Jazz, Trumpet, Gymnastics, Windsurfing