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# BENJAMIN RAN

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  benjaminran

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EXPERIENCE	A9.com (Amazon), Palo Alto, CA Software Development Engineer Engineering the Amazon Advertising Exchange - Building a service that auctions ad units in real time - Developing and maintaining a high-scale distributed system in a fast-moving environment	JULY 2017–PRESENT Website
	A9.com (Amazon), Palo Alto, CA Software Engineering Intern Developed BI tools for large-scale, ad-hoc ad server log analysis - Developed and deployed log sampling tool using Hive and ElasticSearch - Created a Hive Wizard to flexibly build complex Hive queries using crowdsourced query fragments - Won first place in A9 Intern Hackathon	JUNE 2016–SEPTEMBER 2016 Website
	UCSC Genomics Institute - Computational Genomics Lab Developer Maintained storage service for genomics data processing - Adapted ICGC cloud storage system for highly automated and secure triggering of UCSC genomic analysis workflows	APRIL 2016–JULY 2017 Website
	Waterline Data, Mountain View, CA Software Engineering Intern Data Science startup developing a tool for Hadoop data governance and discovery - 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	JUNE 2015–SEPTEMBER 2015 Website
SKILLS	- Backend Development      - Hadoop & HDFS - Android Development      - Machine Learning	- Automation - Algorithms
EDUCATION	University of California at Santa Cruz, Santa Cruz, CA B.S. in Computer Science - Relevant Coursework: Algorithms, Operating Systems, Machine Learning, Database Management Systems - GPA: 3.98	2014–2017
	Gunn High School, Palo Alto, CA - GPA: 4.19 weighted, 3.83 unweighted	2010–2014