Benjamin Ran

Palo Alto, CA, USA
 benjaminran

benjaminran2@gmail.com

Experience

A9.com (**Amazon**), Palo Alto, CA July 2017–Present
Software Development Engineer Website
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

A9.com (**Amazon**), Palo Alto, CA June 2016–September 2016
Software Engineering Intern Website
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

UCSC Genomics Institute - Computational Genomics Lab April 2016–Present
Developer Website
Maintained storage service for genomics data processing
- Adapted ICGC cloud storage system for highly automated and secure triggering of UCSC genomic analysis workflows

Waterline Data, Mountain View, CA June 2015–September 2015
Software Engineering Intern Website
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

Skills

- Backend Development
- Android Development
- Hadoop & HDFS
- Machine Learning
- Automation
- Algorithms

Education

University of California at Santa Cruz, Santa Cruz, CA 2014–2017
B.S. in Computer Science
- Relevant Coursework: Algorithms, Operating Systems, Machine Learning, Database Management Systems
- GPA: 3.98

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