

Ronald MACMASTER

Software Engineer (Distributed Systems / Enterprise Applications)

OVERVIEW

HOMETOWN: Honolulu, Hawaii : October 5th, 1996
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WORK EXPERIENCE

Current MAY-AUG 2017	BLOOMBERG L.P. , New York, NY <i>Software Engineering Intern (Infrastructure)</i> Developed an attachable Java agent for exporting client-side HBase metrics; Contributed two patches to Apache Hadoop and HBase; Programmed test-client applications using <i>MapReduce</i> , <i>YARN</i> , <i>HDFS</i> , <i>Zookeeper</i> , <i>Pig</i> , etc... Assisted tenants and co-workers with Hadoop cluster management on the BACH team;
MAY-AUG 2016	INTERNATIONAL BUSINESS MACHINES (IBM) , Austin, TX <i>Java Enterprise Development Intern</i> Architected and programmed RESTful web services with Java EE 7 and Liberty Web Server; Built a CouchDB to DB2 (NoSQL to SQL) adapter script in functional PHP; Operated on an agile sprint team (youngest member of the team / 5 graduate teammates); Implemented a DevOps pipeline using <i>Maven</i> , <i>Jenkins</i> , <i>Selenium</i> , <i>JUnit</i> , and <i>Mockito</i> ;
MAY-AUG 2014 & 2015	NU'UANU Y.M.C.A. , Honolulu, HI <i>Swimming Instructor</i> Instructor for 200+ children (ages 3-16) in swimming and water safety skills; Improved skills in communication, teaching and public relations; Worked in an entry level position for a large non-profit corporation;

EDUCATION

DECEMBER 2017	University of Texas, Austin (Bachelor of Science in ENGINEERING) Major: Electrical and Computer Engineering (ECE) Emphasis: Software Engineering and Computer Architecture Research: Lab for Computer Architecture (lca.ece.utexas.edu) OVERALL GPA: 4.0
MAY 2014	Roosevelt High School, Honolulu (GPA: 4.2)

SKILLS

Proficient Languages:	JAVA , C/C++, PYTHON, PHP
Software Stack:	LINUX, GIT, HDFS, YARN, MAPREDUCE, HBASE, ZOOKEEPER, KAFKA, PIG
Secondary:	C#, MySQL, HTML, CSS, JAVASCRIPT, OCTAVE, x86

INTERESTS AND ACTIVITIES

Distributed Systems, Open-Source, Programming, Mathematics, Entrepreneurship,
Graph Theory, Logic, Machine Learning, Robotics, Modeling, Finance, Economics, Politics,
American History, Drums, Korean Language and History, Swimming