

Ronald MACMASTER

Software Engineer (Distributed Systems / Enterprise Applications)

OVERVIEW

HOMETOWN: Honolulu, Hawaii : October 5th, 1996
ADDRESS: 709 West 26th Street, Apartment #18, Austin, Texas 78705
EMAIL: ronnymacmaster@gmail.com
PHONE: (808) 206-1614
LINKEDIN: <https://linkedin.com/in/macmasterapi>
GITHUB: <https://github.com/ronny-macmaster>

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>Swim Instructor (Ages 3-16)</i> Instructor for 200+ children 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