

# Ronald MACMASTER

Software Engineer (Distributed Systems / Enterprise Applications)

## OVERVIEW

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HOMETOWN: Honolulu, Hawaii : October 5th, 1996  
ADDRESS: 709 West 26th Street, Apartment #18, Austin, TX 78705  
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GITHUB: <https://github.com/ronny-macmaster>

## WORK EXPERIENCE

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Current MAY-AUG 2017	<b>BLOOMBERG L.P.</b> , New York, NY <i>Software Engineering Intern (Infrastructure)</i> Developed an attachable Java agent for exporting client-side HBase metrics; Contributed <b>two</b> 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	<b>INTERNATIONAL BUSINESS MACHINES (IBM)</b> , 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	<b>NU'UANU Y.M.C.A.</b> , 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

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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](http://lca.ece.utexas.edu))  
OVERALL GPA: **4.0**

MAY 2014 Roosevelt High School, Honolulu (GPA: 4.2)

## SKILLS

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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

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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