

Ronald MACMASTER

Software Engineer (Distributed Systems)

OVERVIEW

HOMETOWN: Honolulu, Hawaii : October 5th, 1996
ADDRESS: 28-21 Astoria Boulevard, Apartment #5C, New York, NY 11102
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GITHUB: <https://github.com/ronny-macmaster>
ABOUT: I'm a distributed systems engineer / researcher that lives on Linux systems. Check out my software projects on GitHub.

WORK EXPERIENCE

Current SUMMER 2017	BLOOMBERG L.P. , New York, NY <i>Software Engineer (Hadoop Infrastructure)</i> Automated backup and restore schedules for HDFS and HBase data; Designed a Hadoop cluster dashboard using React and Redux; Contributed two patches to Apache Hadoop and HBase; Operated two multi-tenant Hadoop clusters (30+ nodes, 1000s of jobs / day);
SUMMER 2016	INTERNATIONAL BUSINESS MACHINES (IBM) , Austin, TX <i>Java Enterprise Development Intern</i> Architected and programmed RESTful web services with Java EE 7; Built a CouchDB to DB2 (NoSQL to SQL) adapter script in functional PHP; Implemented a DevOps pipeline using <i>Maven, Jenkins, Selenium, JUnit, and Mockito</i> ;
SUMMER 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;

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

Languages: **JAVA**, RUBY, PYTHON, C/C++, JAVASCRIPT
Software Stack: LINUX, HADOOP, CHEF, REACT & REDUX

INTERESTS AND ACTIVITIES

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