RYAN CUTTER

ryancutter (at) gmail (dot) com • http://ryancutter.org • San Diego, CA

SUMMARY Full stack software engineer adept in server application development with a background in big data. Most proficient at Java with some Python experience. Well versed in AWS cloud technologies and relational database systems.

EDUCATION M.E., Computer Science, University of Colorado-Boulder (2016)
B.S., Computer Science, Virginia Tech (1999)

SKILLS Languages: Java, Python, Jython, Lua, Perl, C/C++, PHP
Database Systems: MySQL, PostgreSQL, HBase, Jena/Fuseki, CouchDB, SimpleDB
Operating Systems: Red Hat (CentOS), Debian GNU/Linux (Ubuntu), Android
Technologies: AWS, Lucene/SolrCloud, Elasticsearch, Spring Boot, SQL, Hibernate, Hadoop/HDFS, NGINX, Kong, AngularJS

EXPERIENCE *Zuora*   San Diego, CA
Senior Software Engineer   2016-Current
Tech lead responsible for the API Gateway (NGINX/Kong) and an authentication/authorization microservice (Spring Boot). Central role in requirements collection, management of resources, and interfacing with product teams. Deeply involved in actual development of these critical platform components to include architecting solutions and mentoring junior/new team members. Also participating in the continuing development of the flagship monolith Java web application.

Semantic Research, Inc.   San Diego, CA
Senior Software Engineer   2011-2016
Lead on project building Java web services and Python/Jython processes on HBase/MySQL data stores and SolrCloud indexes. Primary role in building, scaling, and maintaining this large SaaS cloud cluster. Core member of team spearheading development of flagship web app including front-end work.

United States Navy   San Diego, CA
Lieutenant/Naval Flight Officer   2003-2011
E-2C Hawkeye Mission Commander with multiple deployments. Managed over 25 personnel responsible for aircraft electronic/weapon system maintenance. Supervised team of 4 analysts as Ship Modernization Installation Manager.

ValueClick   Westlake Village, CA
Software Engineer   2001-2003
Developed numerous server-side C/C++ applications including an innovative fraud detection system which greatly improved quality of pay-per-click search engine traffic. Responsible for integration of traffic affiliate partners. Before being acquired, this company was called Search123.com.

Continuous Computing Corporation   San Diego, CA
Software Engineer   2001
Created C interfaces for high availability software and coded demonstration programs featuring a Java/Swing server GUI and C Solaris clients.

Bitlocker, Inc. / SharpDB, Inc.   Palo Alto, CA
Software Engineer   1999-2001
Co-founded company providing embedded database web tools. Served as Java web developer working on database-centric applications, upon acquisition by Bitlocker.