

Jesse K. Yates
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www.github.com/jyates
http://jyates.github.io

Work Experience

Open Source Committer

Apache HBase

November 2012 – Present

⤴ <http://hbase.apache.org>

Phoenix

January 2013 – Present

⤴ <http://github.com/forcedotcom/phoenix>

Salesforce.com - San Francisco, CA

Senior Member of Technical Staff

January 2013 – Present

Develop HBase and internal supporting features

⤴ Develop Snapshots for HBase

⤴ Develop Secondary Indexing and Statistics frameworks for HBase

Member of Technical Staff

January 2012 – January 2013

Develop HBase and internal supporting features

⤴ Develop Snapshots for HBase

⤴ Help develop internal tooling for HBase deployment

Booz Allen Hamilton - Hanover, MD/Seattle, WA

Consultant

September 2010 – January 2012

⤴ Build Big Data analytics systems and frameworks.

⤴ Adapt cutting edge technology to data schema and requirements

⤴ Technical lead for big data framework and analytics projects

Summer Cloud Internship

June – August 2009

⤴ Learned and used Hadoop and cloud computing technologies to implement protein alignment using Smith-Waterman algorithm on approximately 59,000 protein sequences

⤴ Frequently presented progress to team

⤴ Personally conceived of project and organized development team

Publications

⤴ Co-author of “Apache HBase Snapshots” at HBaseCon 2013

⤴ Co-author of “Culvert: A Robust Framework for Secondary Indexing of Structured and Unstructured Data” at Hadoop Summit 2011.

⤴ Co-author of “Fuzzytable: Distributed Matching Database” at Hadoop World 2010.

⤴ Co-author of “Protein Alignment” at Hadoop World 2009.

Education

Johns Hopkins University, Baltimore, MD

Class of 2010

⤴ Bachelor of Science, Computer Science and Chemical & Biomolecular Engineering

⤴ GPA: 3.71, Dean's List (all semesters)

Software Skills

⤴ Big Data Technology Expertise

◦ HBase, Hadoop, Protobuf, Phoenix, Avro, Culvert, Accumulo

⤴ Android Development

⤴ Programming Languages

◦ Java, Ruby, Python, C++