

JoeKelley

Data Engineer

contact

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core expertise

Java, Scala, Hadoop
Ecosystem (MR, HDFS,
Hive, Pig, Spark, etc),
AWS Ecosystem (EC2,
S3, EMR, SQS, etc),
SQL, NoSQL, ETL,
Distributed Systems

professional experience

Python, Ruby (on Rails),
Javascript, Bash, Jetty,
Google App Engine,
Microsoft Azure

personal / academic experience

R, C, Play Framework,
Spray Framework,
Android, TensorFlow

experience

6/12–Now

THINK BIG ANALYTICS

Mountain View, California

Consultant - Senior Data Engineer (non-senior until 9/14)

Developed Big Data solutions for many clients ranging from small start-ups to Fortune-50 companies

- Specialized in Hadoop ecosystem and related technologies
- Progressed to become company's resident Hive expert
- Acquired by Teradata Sep. 2014, promoted staff -> senior at same time
- Example project: designed and created a system to ingest and analyze 45 million ad impressions per day for Kantar Media Intelligence. Created Apache/Java front-end API running on AWS EC2 to ingest and store events. Developed Hive (on AWS EMR) scripts to do daily analysis of these events. Delivered finished system in 5 weeks.

6/10–9/10,

6/11–9/11

MEDALLIA

Palo Alto, California

Engineering Intern

Developed new features for Medallia's customer feedback reporting platform

- Built real-time user geolocation visualization web application
- Implemented machine-learning system for identifying malicious users
- Created feedback reporting/visualization website on Google App Engine to demo Medallia's external API

1/11–6/11

HANDLE (formerly Handl, H&L)

Menlo Park, California

Software Developer

Designed and implemented email/web application for very early stage start-up.

1/09–3/11

STANFORD UNIVERSITY

Stanford, California

Section Leader

Taught a weekly section of Stanford's introductory computer science course, consisting of 8-12 students

- Graded assignments and exams
- Held extra-help office hours

education

9/08–6/12

Bachelor of Science with distinction in Computer Science

Stanford University

GPA: 3.93

Information Track | Minor in Mathematics

- Coursework included: Data Mining, Databases, Algorithms, NLP, Computational Genomics, Networking, Object-Oriented Design, Linear Algebra, Probability, Real Analysis
- Capstone project: Worked on a two-person team to develop and release an Android app called "Fickapets" - a virtual pet that lives on your phone and can fight your friends' pets.

interests

math, skiing, programming, music, video games, chess