Kevin D. Peterson

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Objective:

To be part of an agile startup with a good idea and a team that can execute.

Experience:

August 2008 to present: Software Engineer
Biz360, Redwood City, CA

- Developed social media monitoring platform using Hadoop, HBase, Solr and Ruby on Rails in Amazon's EC2.
- Built automated sentiment analysis system using NLP and Machine Learning.
- Deployed and maintained HBase cluster handling over 1TB of data.
- Open source contributions include HADOOP-4955, HBASE-1963, HBASE-1885 and MAPREDUCE-698.

January 2007 to July 2008: Software Engineer
NexTag.com, San Mateo, CA

- Wrote and maintained partner-specific code to query reservation systems over XML or via HTML screen scrapers for travel.nextag.com.
- Modernized legacy code, replacing spaghetti with modular code. Evangelized for JUnit testing, increasing coverage from near zero to near 50%.
- Performed ad-hoc data analysis to answer business questions.

December 2002 to December 2006: Howitzer Section Chief
United States Marine Corps, Kaneohe Bay, HI

- Supervised a section of 11 personnel operating complex equipment in a safety-critical environment.
- Accountable for supervising maintenance of over $1 million in equipment.
- As sergeant, mentored junior personnel in their development as leaders.

January 2001 to December 2001: Teacher's Assistant, CS 162, Operating Systems
Computer Science Department, UC Berkeley

- Taught discussion sections; assisted students with coursework; helped design assignments, grade projects and proctor tests.

June 2000 to August 2000: Systems Administrator
Cosmoz.com, San Mateo, CA

- Supported Windows workstations; managed Apache and Sendmail on Linux.

December 1998 to January 2000: Assistant Project Manager
Nova Development, Calabasas, CA

- Coordinated testing process and content creation for Business Card Factory.
- Wrote InstallShield installers and tools to automate processes in Perl and C++.
- Maintained company website and FileMaker databases.

Education:

- B.A. Computer Science, UC Berkeley, 2002; Dean's List, Spring 2000.

Ruby

Scala

Hadoop

HBase

Lucene

Solr

Rails

AWS

EC2

NLP

Machine Learning

Genetic Algorithms

MySQL

Java