

Alfonso David KIM QUEZADA

PERSONAL DATA

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EDUCATION

December 2015 (expected)	M.S. Computer Science Instituto Tecnológico Autónomo de México Thesis: Compiler techniques for parallel execution optimization GPA: 88/100
May 2007	B.S. Computer Engineering - <i>Graduated</i> Instituto Tecnológico y de Estudios Superiores de Monterrey, CCM GPA: 86/100 <i>Honors</i> in CENEVAL global grade test

TECHNICAL HABILITIES

Operating Systems	Level	Used
MacOS	Advanced	2012 - up to date
Linux	Advanced	2007 - up to date
Windows	Intermediate	up to date
Programming Languages	Level	Used
Python	Advanced	2010 - up to date
Java (Standard Edition, Enterprise Endition)	Advanced	2002 - up to date
C C++ CUDA OpenMP	Advanced	2014 - up to date
R	Intermediate	2012 - up to date
Go	Intermediate	2013 - up to date
Bash AWK	Intermediate	2012 - up to date
Relational Databases	Level	Used
Postgres	Advanced	2011 - up to date
MySQL	Intermediate	2010 - 2013
MS SQL Server	Basic	2010 - 2013
MongoDB	Basic	2012 - 2013
Cloud Providers	Level	Used
Amazon AWS (EC2, S3, IAM, etc.)	Advanced	2011 - up to date
Amazon Elastic Map Reduce	Intermediate	2012 - up to date
Digital Ocean Rackspace	Basic	2014 - 2013
Virtualization	Level	Used
Virtual Box VMWare	Intermediate	2012 - up to date
Vagrant	Intermediate	2012 - up to date
Docker	Intermediate	2015 - up to date
Big Data	Level	Used
Hadoop Spark	Intermediate	2014 - up to date
Pig Impala	Intermediate	2014 - up to date
Kite HDFS	Intermediate	2014 - up to date
Web Development	Level	Used
Django (python)	Advanced	2012 - up to date
Play! (Java)	Advanced	2013 - up to date
Google App Engine	Intermediate	2010 - 2011

PROFESSIONAL EXPERIENCE

MARCH 2014 -
today

Principal Software Engineer, *GMV*

- Software development team coordination, planning and scheduling times, activities and deliverables for every project
- Analysis, managing and revision of the software requirements made by clients and multiple product stakeholders
- Database design, optimization and maintenance, either relational and non-relational

JANUARY 2012 -
December 2013

Principal Software Engineer, *Sm4rt Predictive Systems*

- Software development team coordination, planning and scheduling times, activities and deliverables for every project
- Analysis, design and documentation of the architecture of the systems and multiple algorithms produced by the team
- Analysis, managing and revision of the software requirements made by clients and multiple product stakeholders
- Database design, optimization and maintenance, either relational and non-relational
- Management of the distinct environments (development, test and production) deployed in Amazon AWS and inside client's environments

JUNE 2010 -
January 2012

Sr. Software Engineer, *Sm4rt Predictive Systems*

- Design and implementation of ultra-low latency systems for bank transactions fraud scoring
- Design and implementation of machine learning algorithms for bank transactions fraud scoring
- Design and implementation of multiple services and tools for the research team
- Evaluation and concept proof of multiple technologies and frameworks for new product development

MAY 2007 -
June 2010

Jr. Software Engineer, *Trans Union De México*

- Responsible of development and maintenance of credit risk managing solutions, focused on final consumer and credit grantors
- Analysis and design of n-layer architecture of distinct systems developed internally and externally
- Project management using agile methodologies: backlog, burndown chart, daily meeting, etc.

COURSES AND CERTIFICATIONS

November 2012 Certified StreamBase Developer
December 2010 Course: Test Driven Development
October 2008 Sun Certified Java Developer for the 6.0 Java Platform

LANGUAGES

ENGLISH: Advanced
SPANISH: Native Language

PERSONAL SKILLS

Building high performance teams: Learn the skills of each team mate to assign task that best address the project requirements

Goal-oriented: Focused in projects, deliverable times and requirements accomplishment

Responsibility, honesty y collaborative attitude.

PERSONAL INTERESTS

Programming languages, computer architecture, parallel programming, distributed computing, machine learning, big data

Last update: June 2015