

# Alfonso David KIM QUEZADA

## PERSONAL DATA

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BIRTHDATE: April 24, 1984  
LIVING: Mexico D.F.  
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## PROFESSIONAL EXPERIENCE

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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
- Code repositories administration and software development flow like Jira

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 3-layer architecture of distinct systems developed internally and externally
- Project management using agile methodologies: backlog, burn-down chart, daily meeting, etc.

## TECHNICAL HABILITIES

Operating Systems	Level	Used
MacOS	Advanced	2012 - up to date
Linux	Advanced	2007 - up to date
Windows	Intermediate	2002 - 2012
Programming Languages	Level	Used
Java (Standard Edition, Enterprise Endition)	Advanced	2002 - up to date
Python	Advanced	2010 - up to date
R	Intermediate	2012 - up to date
Go	Intermediate	2013 - up to date
Relational Databases	Level	Used
Postgres	Advanced	2011 - up to date
MS SQL Server	Intermediate	2010 - 2011
MySQL	Intermediate	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
Chef / Knife	Basic	2012 - 2013
Virtualization	Level	Used
VMWare	Basic	2011 - 2013
Virtual Box	Intermediate	2012 - up to date
Vagrant	Intermediate	2012 - up to date
Frameworks	Level	Used
Spring (Java)	Advanced	2007 - 2013
Hibernate (Java)	Advanced	2007 - 2010
iBatis / MyBatis (Java)	Intermediate	2008 - 2010
Web Development	Level	Used
Django (python)	Intermediate	2012 - 2013
Play! (Java)	Advanced	2013 - up to date
Google App Engine	Intermediate	2010 - 2011
Java Server Pages / Faces	Intermediate	2010 - 2012
Application Servers	Level	Used
Tomcat (Java)	Advanced	2005 - 2011
JBoss (Java)	Intermediate	2006 - 2007
Project Construction & Lifecycle	Level	Used
Maven (Java)	Advanced	2011 - up to date
Ant (Java)	Advanced	2005 - 2010
SCONS (C++)	Basic	2013 - up to date

## EDUCATION

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May 2007    B.S. Computer Engineering - *Graduated*  
**Instituto Tecnológico y de Estudios Superiores de Monterrey, CCM**  
GPA: 86/100 | *Honors* in CENEVAL global grade test

## COURSES AND CERTIFICATIONS

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

## LANGUAGES

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ENGLISH:    90 % read, 80 % spoken  
SPANISH:    Native Language

## PERSONAL SKILLS

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**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

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Programming languages, computer architecture, distributed computing, cryptography, machine learning