

# Alfonso David KIM QUEZADA

## PERSONAL DATA

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| BIRTHDATE: | April 24, 1984   | WEBPAGE: | <a href="http://alfonso.kim">alfonso.kim</a>           |
| LIVING:    | Mexico D.F.  | GITHUB:  | <a href="https://github.com/alfonsokim">alfonsokim</a> |
| CONTACT:   | <a href="mailto:hello@alfonso.kim">hello@alfonso.kim</a> | BLOG:    | <a href="http://blog.alfonso.kim">blog.alfonso.kim</a> |

## PROFESSIONAL EXPERIENCE

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| MARCH 2014 -<br>today           | <p>Principal Software Engineer, <i>GMV</i></p> <ul style="list-style-type: none"><li>■ Software development team coordination, planning and scheduling times, activities and deliverables for every project</li><li>■ Analysis, managing and revision of the software requirements made by clients and multiple product stakeholders</li><li>■ Database design, optimization and maintenance, either relational and non-relational</li></ul>  |
| JANUARY 2012 -<br>December 2013 | <p>Principal Software Engineer, <i>Sm4rt Predictive Systems</i></p> <ul style="list-style-type: none"><li>■ Software development team coordination, planning and scheduling times, activities and deliverables for every project</li><li>■ Analysis, design and documentation of the architecture of the systems and multiple algorithms produced by the team</li><li>■ Analysis, managing and revision of the software requirements made by clients and multiple product stakeholders</li><li>■ Database design, optimization and maintenance, either relational and non-relational</li><li>■ Management of the distinct environments (development, test and production) deployed in Amazon AWS and inside client's environments</li></ul> |
| JUNE 2010 -<br>January 2012     | <p>Sr. Software Engineer, <i>Sm4rt Predictive Systems</i></p> <ul style="list-style-type: none"><li>■ Design and implementation of ultra-low latency systems for bank transactions fraud scoring</li><li>■ Design and implementation of machine learning algorithms for bank transactions fraud scoring</li><li>■ Design and implementation of multiple services and tools for the research team</li><li>■ Evaluation and concept proof of multiple technologies and frameworks for new product development</li></ul>   |
| MAY 2007 -<br>June 2010         | <p>Jr. Software Engineer, <i>Trans Union De México</i></p> <ul style="list-style-type: none"><li>■ Responsible of development and maintenance of credit risk managing solutions, focused on final consumer and credit grantors</li><li>■ Analysis and design of n-layer architecture of distinct systems developed internally and externally</li><li>■ Project management using agile methodologies: backlog, burndown chart, daily meeting, etc.</li></ul>   |

## TECHNICAL HABILITIES

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| 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 |
| R  | Intermediate | 2012 - up to date |
| Go   | Intermediate | 2013 - up to date |
| C   CUDA   OpenMP                            | Intermediate | 2014 - 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                                  | Intermediate | 2012 - up to date |
| Vagrant                                      | Intermediate | 2012 - up to date |
| VMWare                                       | Basic        | 2011 - 2013       |
| Docker                                       | Basic        | 2015 - 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       |
| Application Servers                          | Level        | Used              |
| Tomcat (Java)                                | Advanced     | 2005 - 2011       |
| JBoss (Java)                                 | Intermediate | 2006 - 2007       |

## EDUCATION

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- December 2015    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 - *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, machine learning, big data