

EDUCATION

The University of Texas at Austin December 2010
Masters of Science in Computer Science GPA 3.3

The University of Texas-Pan American at Edinburg, TX December 2006
Bachelors of Science in Computer Science, Minor: Business Administration GPA 3.6 (*cum laude*)
Study abroad: **Universidad de Salamanca**, Spain Summer 2006

EXPERIENCE

Workday Jul 2012– Jul 2013
Software Engineer - Performance Pleasanton, CA

- Monitored, tuned and upgraded performance environments (including Riak cluster). Benchmarking of applications and detected performance bottlenecks in Workday system.

Fusion Taurina S.A. de C.V. Aug 2011– Oct 2013
Founder, Smartphone developer Queretaro, Mexico

- Designed and developed collaborative Smartphone (multiple platform) applications for sports

IBM Corporation Aug 2010 – Aug 2011
Emerging Internet Technologies Group (Part-time) Austin, TX

- Adapted testing framework using Google's js-test-driver to test IBM's Bigsheets REST API
- Built, fixed and documented Apache Hadoop common, hdfs and mapreduce components to be used by Apache harmony select JVM

IBM Corporation May 2010 – Aug 2010
Extreme Blue Technical Intern Austin, TX

- Extended functionality of Big Data application based on Apache Pig and Hadoop to extract relevant information from Twitter and later classify it according to predefined classes
- Presented and discussed project with Sam Palmisano, IBM Chairman, former President and CEO

The University of Texas at Austin Jan 2010 – May 2010
Teaching Assistant at CS Department Austin, TX

- Lead discussion sessions and assisted students with questions on programming assignments

HP Labs Jun 2009 – Aug 2009
Indo-US Science & Technology Research Intern Bangalore, India

- Analyzed relevance of eye gaze data from web documents to further improve recommendation systems
- Developed framework for acquisition of eye gaze data into other research projects
- Promoted the potential for eye tracking among researchers via development of gaming and image analysis applications

SKILLS

- Operating Systems: Windows and Linux
- Languages: Java, C/C++/Objective-C, SQL, PL/SQL, SQL/XML, XQuery/XPath, Bash
- Tools & Packages: Eclipse, Tomcat, Git, Rational Rose Data Modeler, MATLAB
- DBMS: DB2 Viper (pureXML), Oracle 10g, MySQL
- Java Technologies: Riak, Hadoop, Berkeley DB, EJB, JSP, Servlet, JDBC
- Natural Languages: Fluent in English & Spanish. Beginner Russian (2 months in St. Petersburg)

ACTIVITIES

- Chair for First Annual CS Student Research Day Conference at UT – Pan American
- ACM Student Chapter President at UT – Pan American

AWARDS

- University of Texas Graduate Diversity Fellowship Aug 2008
- UTPA Outstanding Student Award for Academic & Leadership Achievement Apr 2006