Guillermo Cabrera

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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

Fusion Taurina S.A. de C.V. — Aug 2011– Present
Founder, Smartphone developer — Queretaro, Mexico
- Design and development of collaborative Smartphone (multiple platform) applications for sports

IBM Corporation — Aug 2010 – Aug 2011
Emerging Internet Techologies 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

IBM Corporation — Feb 2007 – Aug 2007
DB2 XML Storage & Indexing Technical Co-op — San Jose, CA
- Designed and developed tool that provided users with diagnostics information of XML documents and gave recommendations for increased database performance based on attributes of documents
- Involved with testing (through use of developed tool) of future DB2 features for fast retrieval and compression of XML documents

SKILLS

- Operating Systems: Windows and Linux
- Languages: Java, C/C++/Objective-C, SQL, PL/SQL, SQL/XML, XQuery/XPath, Perl
- Tools & Packages: Eclipse , Hadoop, Tomcat, Subversion, Rational Rose Data Modeler, MATLAB
- DBMS: DB2 Viper (pureXML), Oracle 10g, MySQL
- Java Technologies: Berkeley DB , Struts, EJB, JSP, Servlet, JDBC
- Natural Languages: Fluent in English and Spanish. Intermediate French.

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