Guillermo Cabrera

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EDUCATION

The University of Texas at Austin   Expected: Dec 2010
Masters of Science in Computer Science   GPA 3.0

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

The University of Texas at Austin   Jan 2010 – Present
Teaching Assistant at CS Department   Austin, TX
- Lead discussion sessions and assist 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

University of Texas-Pan American   Jan 2008 – Jul 2008
Computer Center Production Control Assistant   Edinburg, TX
- Assisted in maintenance and development of existing and new student applications
- Ported applications from legacy systems to SunGard's Banner product on Oracle

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

IBM Corporation   May 2005 – Aug 2005
On Demand Reference Information Speed Team Co-op   Austin, TX
- Designed and developed Struts application following RUP methodologies, which reduced the time and human interaction (through automation) needed by developers, to create quality reference information tagged with SGML and DITA

SKILLS

- Operating Systems: UNIX, Windows and Linux
- Languages: Java, C/C++, SQL, PL/SQL, SQL/XML, XQuery/XPath, Perl
- Tools & Packages: Eclipse , Hadoop, Tomcat, CVS, 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