

Javier Garcia

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COMPUTER SKILLS

Programming Languages

- C/C++, Java, Perl, PHP, HTML, shell scripting, Ci3, Sensus, Q-Language

Software

- Database: MySQL
- Operating Systems: Microsoft Windows XP, openSUSE, Debian, Microsoft Windows Server 2003
- Programs: Microsoft Visual Studio, Microsoft Word, Microsoft Excel, Microsoft Outlook, SPSS, WinCati, Ci3, Sensus, Computer Assisted Survey Execution System (CASES)

Other Skills

- OpenGL, OpenCV, Qt, GLUT, Lex, Yacc

SPECIAL SKILLS

- Bilingual; speaks, writes, and reads Spanish fluently

WORK EXPERIENCE

IT Technician II

April 2007 - Present

University of Nevada, Reno – Center for Research Design and Analysis

- Programming CATI instruments in Ci3 and Q-Language for new studies and maintaining ones currently in the field
- Writing programs in C++ and web applications using PHP and MySQL to automate and simplify everyday tasks
- Installed and configured the Center's WinCati 4.2 system
- Converted the CATI Lab from a Solaris 10, Sunray Thin Client, and CASES 4.3 system to a Windows Server 2003, PC, and CASES 5 system
- Maintaining the Center's servers, computers, and applications

IT Help/Survey Room Supervisor

May 2005 - March 2007

University of Nevada, Reno – Center for Research Design and Analysis

- Programming new surveys in Q-Language and maintaining ones currently in the field
- Writing programs in C++ and shell scripts to automate and simplify everyday tasks
- Developed a custom program to check the phone number sample of a study against an internal do not call list
- Supervising and training interviewers
- Performing daily tasks such as monitoring interviewers, setting up the next day's shift and managing the sample for the studies currently in the field

Survey Room Interviewer

August 2004 - April 2005

University of Nevada, Reno – Center for Research Design and Analysis

- Conducting research interviews in both English and Spanish
- Refusal conversion

EDUCATION

University of Nevada, Reno

August 2004 - May 2009

- Bachelor of Science in Computer Science
- Mathematics Minor
- Classes taken include: Computer Science I-II, Data Structures, Programming Languages, Mathematics of Computer Science, Operating Systems, Automata and Formal Languages, Analysis of Algorithms, Software Engineering, Computer Graphics, Compiler Construction, Computer Vision, Real Time Computing, Calculus I-III, Linear Algebra, Probability and Statistics, Theory of Positive Integers

Pershing County High School

August 2000 - June 2004

- Graduated with a GPA of 3.9 on a 4.0 scale