

Servando Garcia

Software Engineer - Hewlett Packard Enterprise - Florida Medicaid

El Paso, TX - Email me on Indeed: [indeed.com/r/Servando-Garcia/08eb3d58e7a86d9c](https://www.indeed.com/r/Servando-Garcia/08eb3d58e7a86d9c)

- Software Engineer with 4 years of professional experience in the full software development lifecycle as a C programmer working in a UNIX environment for Hewlett Packard Enterprise. Proficient in Java.
- Production Support and On-Call duties experience. Developed troubleshooting skills to analyze code and engineer responsive solutions during cycle failures and program crashes for Production systems.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Engineer

Hewlett Packard Enterprise - Florida Medicaid - February 2013 to Present

- C programmer: code implementation and patching of the system's processes through COs (Change Orders). Use of object-oriented programming methodologies. Eclipse and Notepad ++ IDEs. GNU compiler, GDB debugger.
- AutoSys: solid knowledge of the JIL interface. Job execution, maintenance, scripting and handling.
- On Call: 2 weeks every 6-8 weeks of "On Call SE" duties (1 primary, 1 secondary). Duties include addressing system failures and program crashes, checking the daily cycles to ensure their successful completion and any issues that may arise throughout the week. Often times working overtime and overnight in order to debug system failures under pressure and against the clock as several processes needed to finish by a certain time. Writing tasks for cycle monitors on the fly to rerun the failed processes, re-promote programs, etc.
- Oracle SQL: used to access the system's database and research data. Used also throughout the code in C embedded as SQL cursors and queries for data processing.
- UNIX: system runs on UNIX machines. Daily use of shell commands to access and navigate the various testing environments and one Production environment.
- Documentation: design, implementation and unit test documents for every CO worked on. Walkthroughs with other SEs for implementation/promotion approvals. Use of (.diff) files for comparison between old and new code.

Computer Mentor

County of El Paso, TX - El Paso, TX - February 2013 to December 2013

- Computing instructor/professor at several community centers, public buildings, where he taught students:
 - Basic computer operation, functionality and programs such as: Microsoft Excel, PowerPoint and Word.
 - Citizenship classes, naturalization process and guidance on preparing for the interview.

Analyst Programmer

VSET - El Paso, TX - August 2010 to May 2011

- Part of a 6-member Software Development team (programmers, designers, analysts) for the Software Engineering I & II classes. Actively participated and collaborated in the design, implementation, and documentation of an application to help geologists conduct studies of the Earth's crust. This was done working for a real client in a 2-semester long project. The project demanded teamwork as well as many sleepless nights.
- As the analyst, learned how to gather requirements, talk to client and developers & document requirements in SRS.
- The development consisted of the following stages:

- Requirements Engineering (client interviews, prototyping, writing the Software Requirements Specification document).
- Design (elaborating state, use case, dataflow, and class diagrams).
- Implementation in C with the use of SVN as a repository for the pieces of code.
- Documentation (documenting the code, writing the Software Configuration Management document, and writing a user guide for the application).

EDUCATION

Bachelor of Science in Computer Science

The University of Texas at El Paso - El Paso, TX
December 2011

SKILLS

Java (4 years), C (4 years), SQL (4 years), Unix Administration (4 years), Software Development (6 years), Programming (8 years), AutoSys (4 years)

LINKS

<https://www.facebook.com/servando.garcia.71>

<https://www.linkedin.com/in/servando-garcia-887a45b2>