Andres Salazar

Fort Worth, TX
-Email me on Indeed: http://www.indeed.com/r/Andres-Salazar/c0bec868aca1d7d6

Talent Electronics Engineer with experience in automated test and electronics hardware, develop test strategies and prototyping hardware components for integration, support implementation plans for upgrade projects
· Seeking to use proven prototyping techniques for manufacturing process.
· Ability to work in different projects to deliver finish goods to meet company requirements.
· Bachelor of Science Degree; Electronic Engineering Technology, Bilingual
(English & Spanish).

Work Experience

System Hardware Engineer

Inmar Intelligence - Grand Prairie, TX
January 2018 to May 2021

Build computer and medical devices for pharmacies to process tray medication.
Collaborate with developers and engineers to improve manufacturability, hardware design, testability, debug, installation and service repair.
· Built: Assembly electronics components and computer hardware for pharmacies, validate finished goods are 100% functional to customer's specifications. Run configuration using Linux operating system.
· Test: Designed plan to reduce testing procedure by 40% across the laboratory in excel. Test hardware and software for functionality before assembly process.
Test RF on scanners and medical devices.
· Integration: Refurbish returned medical devices by customers, applied troubleshooting techniques to reduce cost in labor by 35% over previous procedures.

Automated Test Engineer

Soliton Technologies - Dallas, TX
August 2014 to January 2018

Support in the setup, configuration, and maintenance of automated testing environment. Executed test DevOps planning, components, systems and performance for production of audio amplifiers.
· Automation: Conducted automated test to collect data and analyzed. Translate manual testing into automated test and conducted debugging process and identified and removed errors from software.
· Test: Executed plans to test computer hardware compatibility and established tool requirements for small components to find and fix bugs in hardware. Set up equipment for testing such as multi-meter, DMM, Oscilloscope, thermo-stream for temperature, power supplies and remote access points.
· Configuration: Set up configuration on electronics boards for audio RF testing, analyzed system data collection to make change to the hardware configuration and obtained test results.

Field Service Engineering-Technician

AECOM/GSS LTD - Kabul, Afghanistan
January 2011 to July 2014

Provided on-site support, troubleshoot for military communications RF equipment for U.S Army. Coordinated daily service maintenance, installations, configuration, and repair needed of the RF transmit equipment.

· Installation: Installed communication systems, monitored activities at the work area, and performed quality testing radios controls on military vehicles.

· Configuration: Executed configuration of systems to support hardware and software for Windows or Linux-based platforms. Applied theories to addressed problems and outline issues and solutions.

· Test: Maintained equipment on-site, made sure it worked and met safety regulations. Processed and fixed customer's equipment and other duties as assigned.

Education

Bachelor of Science in Electronics Engineering Technology
DeVry University - Irving, TX

Skills

- Operating system (Windows, Mac OS, Linux)
- Power Point)
- Repair electronics hardware components
- Assembly and disassembly hardware for
- refurbishment
- Configuration of complex systems
- Read and interpret schematic for
- embedded systems
- Experience using test equipment tools
- Networking communication
- protocols
- Complex problem solving skills
- Laboratory experience to conduct
- research
- Microsoft office (Word
- Excel
- Develop
- maintain