

Ellery Sarquilla

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EDUCATION

Western Govern University

Bachelor of Science in Business
Management and I.T.
2017 – Current

Associates of Applied Science in Electronics Engineering

ITT Institute, Seattle WA
2013 - 2016

EXPERTISE

- Ability to use Oscilloscope, Function Generator, Breadboard Circuit, Schematics
- Proficient with AutoCAD, Microsoft Word, PowerPoint, Excel, and Adobe Photoshop
- Perform electronic troubleshooting at level 2-3, to component level. Focus diagnosis and analyzing schematics to determine higher level of troubleshooting, defects and method of repair
- Lean Management, Continuous Improvement Assistant
- 5S Certified. HOS Champion, Kaizen Team, Project management leadership
- AS9100 or ISO9000 Quality Management System

CERTIFICATIONS

IPC Certification:

- J-STD-001
- IPC/WHMA-A-620
- IPC/WHMA-A610

Interest

- Potluck and buffet
- Dessert and bubble tea
- Netflix: Grey's Anatomy
- Traveling

Skills

- Participated in technology trade studies and innovative teams, performed detailed design, analysis, testing, and draft the documentation required to successfully launch new products.
- Supported Production floor to eliminate least waste way of manufacturing process.
- Ability to identify, analyze, and effectively solve problems
- Able and willing to learn new tasks and possess high level of work ethics and aware of quality standards and quantity goals.

WORK EXPERIENCE

AeroTEC, Seattle, WA

Instrumentation Engineer

- Resolved issues regarding the integrity of data flow into databases and continued providing direction for team's deployments and services releases

Easi, Redmond, WA

Reliability Engineering Technician July 2019 -January 2021

- Perform Reliability test and highly accelerated life test, smoke, functional and stress screening to accelerated environments to find weak links in the design, manufacturing process, and determine cause of failure.
- Identified process inefficiencies through gap analysis..

Astronics Corporation, Kirkland, WA

Test Engineer 2 February 2017- July 2019

- Worked on projects, Kaizen Events coordinator, Continuous Improvement Assistant
- Performing root cause analysis on software problems
- Test functional performance of systems, subassemblies, and parts under specified environmental conditions such as temperature change, vibration, pressure and humidity.
- Develop and Execute Smoke, Regression and Performance Testing for every major application release.

Honeywell, Renton, WA

FAA Technician 2 March 2016 - January 2017

- Troubleshoots/maintains, repairs, and adjusts microprocessor or solid-state circuitry-controlled production equipment as necessary by testing, replacing, repairing or modifying computer cards and electronic circuitry.
- Perform circuit analysis for repair modification

Carlisle Interconnect Technologies, Kent, WA.

QA and Test Engineer August 2014 – March 2016

- Experienced working with medical cables and Class 3 according to JSTD-001, IPC 610 & 620, Test & Measurement Training, ESD training.
- Inspected solder, Test cables, troubleshoot to fix cables according to JSTD-001 Class 3.