

# **JAY WONG**

Thornton, CO | Jay\_wong20@yahoo.com | (720) 231-6772

## **PRODUCTION TECHNICIAN**

Innovative Entry Level Engineering Technician diligently testing developing and repairing electronic equipment. Adept at assessing risks while identifying performance issues and participating in the development of new products and the updating of existing electrical systems. Committed to analyzing production costs and conducting extensive testing to determine the feasibility of engineering specifications.

## **PROFESSIONAL EXPERIENCE**

### **VAISALA INC., Louisville, CO**

**July 2012**

**- August 2019**

#### **Production Tech**

- Services for FAA: Evaluate, test and debug to components level, run burn test FAA require.
- Data Process Unit (DPU) load configuration code, NG-RVR VS-Sensors, Ambient Light sensors, Transmitter and Receiver sensors, (CD) Display Controller, Wind Sensor WMT700 Thunderstorm, Groundhog sensors, also update to current Rev. Build Dropsonde.

### **SEAKR ENGINEERING INC., Centennial, CO**

**July**

**2009 - March 2012**

#### **Assembler Tech**

- To following traveler, valor and drawing.
- Verified BOM supply list, prep kit, foaming components. Touch-up, rework under microscope, EM and FLT boards.
- Crimped wires, cables, bonding, dead-bug components to PCBA, staking and hand build to NASA standards.

### **SEAGATE TECHNOLOGY CORPORATION, Longmont, CO**

**July 1997 - May 2009**

#### **Engineering Technician Support**

- Failure Analysis (FA) multiple products at high capacity disk drives 2.5 and 3.5 inches.
- By using ProComm, Map defect, Oscilloscope to FA disk drives to head, disk media, code and PCBA to root cause of failure.
- Communicated with design engineers to identify, improved quality of disk drives and increased the yield.
- Built tester MG120, Include power supply, load code, load configuration and ran the test.
- Maintained the tester and kept tester at the current code level.
- Built Pneumatics automates line to delivery disk drives from clean room to test floor.
- Inventory all test equipment, and update calibration entire department.

### **HIGH TECHNOLOGY MANUFACTURING, Thornton, CO**

**August 1996 - July 1997**

#### **MFG Technician II**

- Tested and debugged ICT, Functional failure to components level. Products: IBM, AT&T, Faralon, Symbios, Intel and Telebit. Used exerciser and test equipment included GenRad 2276E, 228X series, oscilloscopes, Voltmeter and schematics.

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## **STORAGE TECHNOLOGY CORPORATION, Louisville, CO**

**May 1983 - August 1995**

### **MFG Technician I, II, III, and IV**

- Performed electronic test of newly assembled computer hardware including tape drives, disk drives, control units, and memory buffers.
- Disk Assembler Storage Drive (DASD) Unite Test: Tested and debugged on 8380's family 14 inch disk drive. Troubleshoot to card levels using analytical problem solving skills.
- Used an Oscilloscope to find head, media defects. DASD fast write as Engineer Technician collaborate with engineering development, built of new prototype, ran diagnostic test and debugged.
- Functional Test: Tested and debugged all card levels on Tape/disk products, using drive exerciser and test equipment, including ATS, GENERAD 1795, 1769, 2235, oscilloscope, digital voltmeter, and frequency generator.
- Failure resolution to component level using schematics and test equipment.
- Generated rework of printed circuit boards for repair and revision following Detailed Manufacturing Instruction (DMI) include soldering and replaced components.

### **EDUCATION**

**Major In Electronic Engineering Technology**, Metropolitan State College,  
Denver, CO

**Associate Degree in Electronic Technology**, Front Range Community College,  
Westminster, CO

### **REFERENCE**

Don Anderson sponsors our family (720) 905-2380  
Christopher DeCorte manager (303) 847-9779  
Ben Rollison (303) 810-7961