

Millard Pope

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Summary

- Twenty years experience manufacturing, fabricating, upgrading, testing and troubleshooting a variety of electronic systems including HDMI and component matrix routers, VGA and component input selectors, distribution amplifiers, serial splitters and video sensors

Work Experience

Soldering Technician, RPC Manufacturing, Inc., Broomfield, CO 02/2018 - 12/2018

- Skills with rework of fine pitch surface mount components
- Soldering wire cables into PC boards and build cables
- Soldered components on bare boards
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Production Tester, Spartan Medical, Frederick, CO 02/2016 - 07/2016

- Inspected and repaired medical equipment board assembly
- Soldered components
- Quality controlled and manually tested electronic circuit boards

Engineering Technician, Avocation Systems, Inc., Broomfield, CO 04/2009 - 03/2015

- Analyze and Repair professional grade audio/video distribution products with IR communications
- Fabricate HDMI Matrix with Analog and Digital Audio
- Evaluate, debug and verify experimental proto-type mechanical units and firmware
- Upload microprocessor programs using PicKit 3 Programmer
- Give valuable feed back to senior engineers on what needs to be improved and bugs on the circuits
- Hands on construction of cables & wiring for new prototype assembly
- Assembly and rework of circuit cards and cables
- Digital embedded microprocessor and FPGA based board test and troubleshoot activity
- Skills with rework of fine pitch surface mount components
- Power supply and power converter experience
- USB Serial Communication experience, RS-232, 422, Ethernet, troubleshooting using HyperTerminal
- Work Independently with little supervision

Electronics Technician, Clear Blue Engineering, Louisville, CO 04/2002 - 03/2009

- Manufacture, test and troubleshoot audio/video equipment
- Construct prototype products from engineering blueprints
- Work with scopes, test equipment and video generators
- Upload microprocessor programs
- Prepare quality control reports
- Route intercoms, amplifiers, S-video, composite video, RGBVH matrix and audio

Electronics Technician, R F Systems, Inc., Lafayette, CO (no longer in business) 03/1998 - 03/2002

- Manufacture, test and troubleshoot audio/video equipment to component level
- Build prototype units from blueprints and schematics for production
- Construct metal housing and cables
- Burn-in microprocessor programs
- Managed serial numbers on final tested units
- Prepare quality control reports

Education

Colorado Aero Tech, Broomfield, CO
Associates Degree in Aviation Electronic Maintenance Technology

Certification

- MIL STD - 2000 Soldering Certification
- FCC License with RADAR Endorsement, 2009