

Greg Rowe  
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## **Experience:**

- March 2008 to may 2009 - (full-time position)  
Halliburton Energy Services, Fort Lupton, Co.

Electronic Technician

- Responsible for electronic maintenance of fracturing and cementing equipment.
- Learned about can bus electronics and industrial controls.
- Maintained Windows NT and XP based computers.
- Maintained anti virus protection for client computers and servers.
- Troubleshoot and repair all types of electronic control sensors and buses.
- Used SAP to access and input information pertinent to position.
- Worked with flow meters, densometers, viscometers, temperature and pressure sensors.

- Feb 2001 to may 2006 - (part-time position)  
Blake Brothers Inc. Denver, Co.

I.T. Consultant

- Responsible for maintenance of 15 client Windows Network.
- Implemented DSL Internet access for network.
- Maintained Foxpro based database program for invoicing of customers.
- Implemented anti virus protection for client computers and servers.
- Procured and maintained laptop computers for travelling sales support.
- Use MS WORD and EXCEL to document findings and data for distribution.
- I wrote a new invoicing program in Visual Basic to invoice customers.
- I created a cd-rom version of their catalog for distribution.

- Feb 1997 to November 2001 - (prior full-time position)  
StorageTek inc. Louisville, Co.  
Senior Engineering Technician - Power Systems Group

- Perform U.L. testing of power supplies for STK's products.
- Use HP8591E spectrum analyzer to measure EMI levels from power supplies
- Perform differential and common mode surge testing of power supplies.

- Assist in building, testing and debugging new designs.
- Use Mentor Graphics software on HP UNIX workstation to perform schematic capture and drawing revisions.
- Use MS WORD and EXCEL to document findings and data for distribution.
- PC programming in Qbasic to perform automated power supply testing.

- July 1996 to Feb. 1997

BI Inc. Boulder, Co.

Senior Engineering Technician - Engineering Dept.

- Perform R+D rapid prototyping for new products.
- Used HP 8591E Spectrum Analyzer to troubleshoot 314 Mhz RF products.
- Used HP 8753D Network Analyzer to aid in the troubleshooting of surface mount

/discrete analog circuits.

- Helped sustaining Engineer by performing product testing/evaluation.
- Use MS WORD and EXCEL to document findings and data for distribution.

- July 1994 to July 1996

Olympian Executive Suites, Denver CO

PC support technician - part time position

- Responsible for the maintenance and repair of the company's PC computers at the company's 3 Denver metro area locations.
- Repaired and maintained HP LaserJet printers.
- Responsible for OS upgrades, and troubleshooting for MS WIN95/98 Operating systems.

- November 1995 to July 1996

Lockheed-Martin Corporation - Parts Evaluation Lab

- responsible for upscreening of military grade active and passive components to MIL-STD-883D.
- use a variety of computer based test systems for electrical testing of active and passive components.
- use thermal chambers and portable ovens/environmental equipment.
- responsible for data collection for quality/customer review using MS-Excel and Word.
- use oscilloscopes, DVM's, and other electronic equipment for bench testing to military specifications.

- May 1994 - November 1995

Martin-Marietta Corporation - Failure Analysis Laboratory

- conduct destructive physical analysis on electronic components, including: IC's, resistors, capacitors, crystal oscillators and discrete hybrid circuits.
- used a SEM (Scanning Electron Microscope) to inspect integrated circuits for metallization defects, and particle contamination composition by x-ray spectral analysis.
- used a wide variety of laboratory grade microscopes and cameras to evaluate/document anomalies when present.
- used gold deposition, reactive ion etching equipment.
- support Failure Analysis efforts on suspect hardware when needed.
- performed chemical etching, stripping, and semiconductor die staining processes.
- verify quality compliance to various military specifications.

- May 1989 - May 1994  
Martin-Marietta Corporation - Inertial Guidance Laboratory

- Responsible for fabrication, debug, and test of servo, PID, and feedback control systems.
- Learned about servo's, closed-loop feedback control circuits, analog filters, lasers, and sensors.
- Use Hewlett-Packard and Tektronics frequency analyzers to debug and test analog filter circuits.
- Supported a space-based targeting and tracking experiment
- used a Tektronics 1241 logic analyzer to troubleshoot and repair 68020 microprocessor based hardware.
- Support acceptance testing of research and development efforts for customer proposals.
- Electronic packaging design, layout, and artwork.
- Used Hewlett-Packard Apollo workstations for electronic schematic capture, and mechanical details, layouts, etc.
- responsible for specifying and ordering electronic parts and hardware.
- troubleshoot and repair various lab equipment such as computer monitors and power supplies, power amplifiers, etc.
- used a small milling machine to fabricate prototype fixtures/mounts for electronic sensors and optics.
- use curve tracers, and assorted bench equipment to verify proper function of components.

- February 1986 - May 1989  
Martin-Marietta Corporation - Power Systems Laboratory

- Responsible for fabrication, assisted in debug, and helped to maintain

prototype test beds for custom power systems for space vehicles.  
·Learned about PWM high-current switching power supplies, linear power supplies, and general high-power electronics.  
·Supported evaluation and acceptance testing of custom power systems using various pieces of lab equipment.

- **November 1984- February 1986**  
**Martin-Marietta Corporation - Electronic Test Tooling Department**

·Responsible for fabrication, test, and maintenance of prototype test equipment used in the testing of flight hardware.  
·Used oscilloscopes, function generators, and logic analyzers to verify correct operation of the custom test equipment.  
·Soldering and workmanship of the highest quality was essential for successful acceptance testing of flight hardware.

## **EDUCATION**

### **Bachelor of Science in Information Technology.**

University of Phoenix. Phoenix, AZ  
Graduated April, 2004

### **1996-2000 Metropolitan State College of Denver**

I have two years completed toward a Bachelor Of Science In Electronic Engineering Technology.

### **Associate of Applied Science degree**

Red Rocks Community College  
Lakewood, Co.

Major: Electronic, Digital and Computer Technology  
Graduated May, 1988

### **2 year Certificate of Completion**

Warren Occupational-Technical Center Lakewood, Co.  
Radio & T.V. Repair  
Graduated January, 1983

### **High School Diploma**

Clear Creek Secondary School  
Idaho Springs, Co.  
Graduated May, 1981