### Brian W. Chaconas

McKinney, Texas 75070 | 702-238-9769 │ bchaconas15@gmail.com | LinkedIn

##### Summary of Qualifications

Respected senior electrical engineer with 25 years’ experience leading cross-functional teams developed through extensive military service. Renowned for success piloting sizeable teams in the design, maintenance and integration of complex technical systems and equipment. Strong expertise in identifying inefficiencies in both personnel and electronic systems and creating and implementing innovative training initiatives and process improvements credited with improving productivity and customer retention.

|  |  |  |
| --- | --- | --- |
|  | **Key Skills** |  |
| * Team Building & Mentorship * User/Customer Support * Training Course Development * Equipment Maintenance * Linear Accelerator Service * Installations and Implementation | * Lean Line Manufacturing * Tactful Negotiator * Software Solutions & Support * RF System Design & Repair * Systems Evaluation & Analysis * Administration and Management | * Process Improvement * Systems Design & Management * Customer Satisfaction * Quality Assurance and Control * Production and Processing * Computer, Electronics, Software |

# Professional Experience

**Linear Accelerator Engineer Senior |** UTSOUTHWESTERN 2015 to **Present**

* Conduct routine, emergency and preventative maintenance for Varian Linear Accelerators, Elekta Agility Linear Accelerators, Xstrahl superficial treatment and Phillips CT simulators
* Implement preventative maintenance program for equipment used by The Department of Radiation Oncology
* Reduce corporate spending by $800K by renegotiating OEM service contracts

**Area Service Manager | Corporate Technical Trainer |** Acceletronics, Inc. 2006 to 2015

* Directed team tasked with creating comprehensive training resources for cancer treatment equipment and peripheral devices used throughout the entire company
* Trained cross-functional employees in sustainment technical training for Varian, Siemens and Elekta based equipment
* Established reputation for quality customer care through contract negotiations, equipment purchases, technical support, equipment maintenance and upgrade recommendations aimed at maximizing client retention and satisfaction
* Engineered New Live Online training course for international personnel that has since been adopted by the entire company

**Senior Product Training Specialist |** Varian Medical Systems 2004 to 2006

* Conceived, developed and championed Linatron training curriculum for industrial customers and field service staff
* Led effective training program in Varian Medical Systems for 450 new field service representatives and 350 in-house hospital personnel (Engineers, Physicists and Therapists)
* Improved field representatives’ productivity by initiating/delivering a PC Basics and Networking Basics training course for all field service engineers with in Varian Medical Systems
* Primary Field Service engineer servicing customers in Texas, New Mexico and Arkansas.
* Travelled nationally and internationally to provide service and support for various medical and industrial linear accelerators.

**Senior RF Equipment Engineer |** CPI Wireless Solutions (EIMAC Division) 2001 to 2004

* Oversaw multiple aspects of tube test stations including building new equipment, monitoring system performance and revising inefficient procedures
* Created historical electrical schematics and new capital equipment build drawings using AUTOCAD
* Negotiated with vendors to ensure project equipment remained cost-effective
* Developed and introduced technical manuals and test procedures for new and existing capital equipment

**Senior Engineer/ New Products Designer |** LAM Research 2001

* Managed 4 production technicians in all aspects of professional development and technical training
* Produced Sequence of Events and Bills of Materials for lean line manufacturing
* Executed complex electro-mechanical tasks through 3-D model creation, systems fabrication, troubleshooting and assembly

**Patriot Missile Systems Electronics Facility Supervisor |** US Army Ft. Bliss 1998 to 2001

* Supervised 6 contact teams and 12 technicians in long and short term preparation for critical support missions and repair of high-tech equipment
* Founded fiber optic training and repair courses for 5 electronics repair facilities covering all of Ft. Bliss
* Created and implemented embedded COMSEC troubleshooting procedures for advanced communications equipment.
* Earned efficiency rating of 98.34% by streamlining support and technical responses
* Fielded, evaluated and implemented new automated testing stations for critical frequency hopping communications equipment for the Communications Engineering Command (CECOM)

**Electronics Maintenance Network Administrator |** US Army Ft. Benning 1996 to 1998

* Oversaw installation and implementation of new mission critical software and software updates for over 4000 users.
* Steered 4000 clients through successful transitions of Windows NT 4.0
* Ensured regulatory compliance by creating and instituting a computer accreditation system/program
* Enhanced performance and accessibility through design and introduction of new terminal user training program

*Additional experience as a Radio Technician, Senior Installer and Electronics Facilities Manager at Ft. Ritchie, Korea, Ft. Hood, Germany Ft. Polk and Ft. Irwin*

# Education Training& Certificates

**Bachelor of Science in Business Administration |** Madison University

**U.S. Army Training Courses**

Instructor Training |Patriot Missile Systems Engineer | Basic Non-Commissioned Officers | Basic/Advanced Installers |Team Leaders | Field Communications Electronics Radio/COMSEC Engineer | Administrative Specialist | Field Communications Security Equipment Engineer | Light Wheel Vehicle Mechanic | Target Acquisition/Surveillance Radar Engineer

**License & Certifications**

Apprentice Electrician: No. 10222010

CompTIA A+/NET+/Security+ | Project Manager (PMI)| Fiber Optic Connectorization & Splicing | Physical Security & Safety | Certified Electronics Technician | Installer/ Installations Management | Imbedded COMSEC/CRYPTO Repair | VARIAN Vacuum Basic & Advanced/ OBI Service | High Energy Service A/ TM1/ TM2 (CLINACS, 2300EX, 2100C/D, 1800) | Mark & Millennium MLC Service | VMS Network Basics | Low Energy Service C | M-Series Linatron Service/Operations/Support | TrueBeam TM1/TM2 | Staubli Robotic Arms | DirectLogic PLC | Allen Bradley PLC