###### Bryan H. Green

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|  | **Objective**  A senior accelerator service and installation engineer with excellent hands-on troubleshooting skills (hardware and software) is looking to return to the United States and join a dynamic company. Experience includes installation, commissioning and maintenance of linear and proton accelerator systems; maintenance of complex electronic / electromechanical systems; and, reviewing specification documents to create system test plans for software and hardware. | | | | | | |
|  | **Work Experience** | | | | | | |
|  | **Varian Medical Systems, Rio de Janeiro, Brazil September 2013 – Present**  ***Service Representative***  Install Varian Clinac systems for customers throughout Brazil. Technical activities include installation / troubleshooting electrical, electronic, vacuum, and cooling systems (hardware and software); and, completion of beam scanning and installation acceptance testing to demonstrate system’s performance to customer. | | | | | | |
|  | **Varian Medical Systems, Palo Alto, CA April 2012 – September 2013**  ***Service Representative IV***  Assigned to San Diego Proton Therapy Center. Duties included technical activities on the cyclotron, beam transport, gantries, personal protection system, etc., in support of installation completion and commissioning of assigned proton therapy systems. Tasks included mechanical, electrical, electronic and vacuum work. | | | | | | |
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|  | **TrendSource, San Diego, CA February 2010 – February 2011**  ***Account Manager***  Marketing Research account manager. | | | | | | |
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|  | **Self-Employed, USA, Brazil November 2004 – November 2009**  ***Independent Contractor***  Contracted with L3 Communications in San Leandro CA, reporting to Program Manager Carl Eichenberger. Contracted with Acelectron,Rio De Janeiro Brazil, functioning as:  ***Installation Manager*** | | | | | | |
|  | * Managed/performed all technical and financial activities with respect to installing and commissioning Electron Beam Linear Accelerator Systems in Rio de Janeiro Brazil, Riyadh Saudi Arabia and Ho Chi Minh City, and Vietnam. * Managed and performed all technical activities in the removal and decommissioning of electron beam linear accelerator systems located in Los Angeles and Chicago. | | | | | | |
|  | **ExSystems, San Diego, CA March 2004 – June 2004** | | | | | | |
|  | ***Manager of Field Service***   * Assist in developing installation and maintenance contracts for ex-SureBeam customers (after SureBeam declared bankruptcy, see below). Completed preliminary work regarding installation of a system for SureBeam Middle East. ExSystems, unable to obtain any long-term contracts, dissolved in June 2004. | | | | | | |
|  | **SureBeam Corporation, San Diego, CA September 2000 – January 2004** | | | | | | |
|  | ***Manager of Field Service***   * Managed all activities regarding the installation, maintenance and operation of linear accelerator systems used for sterilizing medical products and food processing. The systems were both SureBeam owned facilities and customer facilities located in the United States, United Kingdom, Dominican Republic, Brazil and Vietnam. * Directly oversaw the installation of irradiation systems in Chicago, Los Angeles, Brazil and Vietnam. * Visited Russia with other SureBeam staff to complete acceptance testing of equipment to be purchased by SureBeam. * Delivered the initial set of accelerators to a US government storage facility to support the Titan Corporation sale to the US Postal Service of systems designed to irradiate mail in response to the Anthrax threat. | | | | | | |
|  | **Cubic Transportation Systems, San Diego, CA August 1992 – September 2000** | | | | | | |
|  | ***Senior Test Engineer***   * Responsible for the development, preparation and performance of test procedures designed to test both software and hardware at the device and system level for the Automatic Fare Collection System (AFC) of the Bay Area Rapid Transit system. | | | | | | |
|  | ***Senior Test Engineer – (4/00 – 6/00)***   * Supported the AFC test effort for new ticket Vending Machines for the State Rail Authority, New South Wales, and Australia. * Conducted system integration, installation and commissioning tests. * Revised and completed test documentation. * Liaise with customer’s representative to resolve technical and schedule issues. | | | | | |
|  | | ***Senior Field Service Engineer - (3/99 – 4/00)***   * Supported the AFC System for Bangkok Transit System, in Bangkok Thailand. * Coordinated and conducted commissioning tests that resulted in the customer’s acceptance of the AFC system. * Liaise with customer’s representative to resolve technical issues. * Trained technicians in the maintenance and repair of AFC equipment. * Developed troubleshooting guides and maintenance procedures. * Planned and implemented preventative maintenance programs | |
|  | ***Systems Test Manager – (8/98 – 3/99)***   1. Responsible for all Automatic Fare Collection equipment test programs. 2. Liaise with customer’s representative to meet goals and schedules of all test programs. 3. Supervise Senior Test Engineers and Test Engineers in the development, preparation and performance of test procedures. | | | | | |
|  | ***Senior Test Engineer – (3/95 – 8/98)***   * Responsible for development, preparation and performance of test procedures (hardware and software) at device and system level. * Projects completed for New York, Chicago and Bangkok * Supervise Test Engineers in development, preparation and conduct of test procedures | | | | | |
|  | | ***Field Service Engineer - (6/93 – 3/95)***   * Supported Automatic Fare Collection System for State Rail Authority, NSW, Australia * Trained technicians in the maintenance and repair of AFC equipment * Resolved technical issues in the field * Wrote troubleshooting guides and maintenance procedures * Planned and implemented preventative maintenance programs  1. Estimated projects requested by State Rail Authority, NSW, Australia |
|  | ***Test Engineer (8/92 – 6/93)***  Responsible for development, preparation and performance of test procedures (hardware and software) at device and system level of the New York Transit System. | | | | | |
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|  | IRT Corporation / Maxwell Laboratories, San Diego CA June 1998 – August 1992  ***Test Engineer*** | | | | | |
|  | * Design and construction of IR Spectrometers and optical housing to support nuclear event test at Nevada Test site. Required US Government Secret Clearance. * Design and construction of cryogenic vacuum chamber for optical tests. This was in support of a Department of Defense program. * Interface of an off the shelf parts handler to the existing parts handling system. This was to support testing of IC devices when the devices were exposed to an electron beam. | | | | | |
|  | **TRW Space and Defense, Redondo Beach, CA July 1987 – June 1988**  *Electronic Technician* | | | | | |
|  | Deployment and recall of various electronic test equipment to facilitate repair and calibration of the equipment. | | | | | |
|  | **IRT Corporation, San Diego CA March 1985 – September 1986**  *Electronic Technician* | | | | | |
|  | Conducted pre and post irradiation testing on various IC devices. Irradiated test devices at the required dose levels and rate using a Linear Accelerator and a Gamma source. | | | | | |
|  | **USAF, Davis Monthan AFB, Tucson, AZ October 1979 – October 1983** | | | | | |
|  | ***A10 Thunderbolt Aircraft Mechanic***   * Honor Graduate USAF Basic Training * Honorable Discharge with rank of Staff Sergeant (E5) | | | | | |
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|  | **Education** | | | | | | | |
|  | **Bachelor of Science, Automated Manufacturing Technology, 1987**  ITT Technical Institute, West Covina, CA | | | | | | | |
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|  | **Associate of Applied Science, Electrical Engineering, 1985**  ITT Technical Institute, La Mesa, CA | | | | | | | |
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|  | **Honor Graduate, 1979**  USAF Basic Training, Lackland AFB, TX | | | | | | | |
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|  | **Graduate, 1979**  USAF Aircraft Mechanic School, Sheppard AFB | | | | | | | |
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|  | **High School Diploma, 1978**  Madison High School, San Diego CA | | | | | | | |
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