

Gary Ryan, BS

Electronics

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Work Experience

Director Engineering and Support

2010 – Present, Acceletronics Inc.

Manage a National Team of Engineers to diagnose repair/maintain Oncology Treatment equipment. Train Staff on High Energy, MLC, PV and OBI and TrueBeam systems. Interface with Administration and Staff in the implementation of Office procedures and protocol. Perform Sales duties. Meet with Customers to discuss their needs and concerns.

Key Contributions:

- Created/designed TrueBeam and OBI (On Board Imaging) Course to train staff on latest technology. Travelled across Country implementing.
- Service Support to All Reps, via phone or travel.
- Continually follow-up with Customers regarding level of Service and expectations.
- Represent Acceletronics Inc. at ASTRO and AAPM

Area Manager

2000 – 2010, Acceletronics Inc.

Area Manager for MidWest area. Senior Field Service Engineer. Responsible for diagnosis and repairs/maintenance on all Treatment Related Equipment. Communicate and Train Staff regarding Equipment failure, upgrades and operations.

Key Contributions:

- Supervise a Team of Engineers to perform above duties.
- Designed/implemented Service Database/Reporting software for Acceletronics Inc.
- Perform Software upgrades and support to Service software.
- Train Staff on Custom Engineering Service Software.
- Trained all Engineering Staff on MLC/PV subsystems.

Senior Lead Technologist

1990-2000, Hamilton Regional Cancer Center

Senior Electronics Technologist involved in Diagnosis and Repairs/Maintenance on all Treatment related equipment. Supervise/Liaison to Manufacturer on all upgrades and Installations. Design and Prototype instrumentation ((hardware/software), test and manufacture equipment as requested by Physics and Research.

Key Contributions:

- Supervise a Team of Engineers to perform above duties.
- Designed/Prototyped a MicroController based Beam Geometry Analyzer for Radiation Profiles on Linear Accelerators.
- Using Visual Basic, Designed and implemented a Service/Parts Database for all Service Entries.
- Created/implemented Circuit Board Design/Manufacturing process to manufacture custom circuit boards.

Work Experience Continued...

Electronic Engineering Technologist.

1985-1990, Markland Specialty Engineering Ltd.

Design and prototype instrumentation. Test and manufacture equipment for the Water Pollution Industry. Supervise and respond to clients' requests for custom applications including software/hardware modification. Also involved in servicing, purchasing and manufacturing of all products.

Key Contributions:

- Designed and prototyped a Microprocessor Based Sludge Level Detector for drinking water plants (patent pending).
- Designed/implemented a MicroController Based Security System for Markland building.
- Worked closely with Senior Engineer in the design/development of new products.

Education

2012: Service Strategies

- Completed Certified Field Service Manager Course

1995: Mohawk College

- Completed Continuing Education Course on C++ Program language

1993: Sheridan College

- Completed Continuing Education Course on C Program language

1989: Sheridan College

- Completed studies in DOS, WordPerfect, Dbase & Lotus 123

1982-1985: Devry Institute of Technology

- Graduated on Dean's & Presidents Lists from a three year program in Electronic Engineering Technology

1978-1982: Lord Elgin High School

- Grade 12 Diploma

Training:

- Varian OBI/CBCT Maintenance Course. Designed Course for Company
- Varian High Energy "C" Technical Maintenance 1 and 2 Course
- Varian MultiLeaf Collimator Technical Maintenance Course
- Varian Portal Vision Technical Maintenance Course
- Misc. In-house Varian Training: Low Energy "C", Ximatron CX, Ximatron HF50, Ximatron MX75, XimaVision, Vision, Varis, 4DTC, Aria
- Misc. In-house Training: Therac 25, Selectron LDR

References Provided Upon Request