

Martin W. Berg

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Career Profile

Fifteen years of electrical and mechanical troubleshooting experience. Detail-oriented technician able to combine a unique blend of technical education with a solid, hands-on background in the electronics industry. Reputation for solving problems with creativity and out-of-the-box solutions.

Knowledge and Skill Areas:

- Troubleshooting/Problem Solving
- Calibration tools
- Processing and assembly equipment
- Automated circuit boards
- Electrical schematics
- Mechanical schematics
- Pneumatic schematics
- Ladder Logic
- Allen Bradley
- Mitsubishi
- Pro-Face
- Cognex
- Laser Systems
- Test equipment

Computer Literate:

- Windows
- Word
- Excel

Programming Languages:

- C++
- C#
- Java

Professional Experience

Test and Debug Technician/Junior Applications Engineer Feb. 2013 - Sept. 2014

McClellan Automation Systems, Bedford, NH

- Closely involved in all aspects of building and testing custom, automated equipment
- Mentored and trained new employees
- Calibrated and tested custom, automated equipment
- Assisted in changes of both mechanical and electrical designs
- Created and/or edited control software for various components of machines
- Traveled as a service/install technician

Systems Integration Technician/Laser Application Technician Feb. 2010 - Feb. 2013

IPG Photonics Microsystems Division, Manchester, NH

- Created small PC applications for in house use using C#
- Maintained and calibrated Excimer laser
- Tested software and made recommendations for change
- Integrated custom attachments and customer specific modifications on equipment
- Combined sub-assemblies
- Tested finished equipment

Electrical /Mechanical Service Technician July 1999 - Mar. 2001

NEA Inc., Londonderry, NH

June 2002 - Apr. 2008

- Traveled as a service technician
- Provided phone service/support
- Debugged, repaired, and refurbished automated circuit board assembly equipment
- Installed and calibrated equipment at customers' facilities
- Trained customers in the operation and maintenance of equipment

Electrical Technician Mar. 2001 - May 2002

Benchmark International, Goffstown, NH

- Manufactured new equipment for the electronic industry
- Assembled equipment from blueprints
- Assisted in the design and testing of new equipment

Additional Experience

Cashier Aug. 2009 - Mar. 2010

Hess Express, Salem, NH

- Provided customer service
- Stocked shelves

REALTOR® Apr. 2008 - Sept. 2009

Prudential Verani Realty, Londonderry, NH

- Listed and advertised property
- Searched and located properties for buyers
- Compiled appropriate documents for the transfer of property

Education

Associates of General Studies

Sept. 2013 - Present

New Hampshire Technical Institute, Concord, NH

- Completed coursework in Intro to Programming with C++
- Completed coursework in Algorithm with Object Oriented Programming
- Completed coursework in Intro to Technical Mathematics
- Completed coursework in English Composition

High School Diploma

June 2000

Manchester School of Technology

- Certificate of completion in basic electronics