

# Brett Patrick Markley

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## Objective

To promote the implementation and advancement of technology where my skills, education, and experience can be utilized.

## Functional Experience

### Lead Senior Electronics Technician/Software Engineer ABB Inc. Auburn Hills, MI 06/2003 - 10/2009

Administrate Daily Repair Operations, Coordinate Personnel And Work Assignments, Provided Production And Performance Tracking Of Jobs And Technicians. Forecast Monthly Earnings And Provide Monthly Reports And Analysis. Assist With Warranty Tracking, And Problem Resolution. Facilitate Weekly Departmental Safety Talks. Manage And Source Equipment, Supplies, And Parts. Build, Maintain, Audit, And Repair Test Equipment. Analyze And Expand Repair Capabilities, Create Documentation, And Procedures. Manage, Train, And Assist Repair Technicians. Clean, Test, Repair, And Refurbish ABB OEM Electronics. In-circuit Repair Of Discrete And Surface Mount Component Technology. Administrate Test Computers, Robot Controllers, Networking, Internal Software, Customer Software Creation, Firmware, And Firmware Production. Submission Of Bug Information And Change Requests To Main Office. Expand Product Knowledge Through Periodic Training. Provide Technical Support For Electronics, Computers And Software. Member Of ABB Emergency Response Team, ABB Certified For Hazardous Material Manifest.

### Electronics Service Engineer St-Lawrence-Troy LLC Madison Heights, MI 10/2001 - 06/2003

Third Party Repair Services. Clean, Test, And Repair Power Supplies, Servo Amplifiers, Teach Pendants, Main CPU, EMG Modules, And I/O Boards From Various Manufacturers Containing Both Discrete And Surface Mount Technology. Identify, Source, Order And Maintain Components And Consumable Inventory Used For Repair. Prepared Documentation For Repairs And Test Procedures.

### Electronics Service Engineer/Proposal Engineer Argus & Associates Inc. Wixom, MI 10/2000 - 06/2001

Contracted for FANUC Robotics North America Inc. Rochester Hills, MI. Creation Of Custom Rebuild, Refurbishment, Repair, P.M. And Spare Parts Support Packages. Coordinate Customer Contact Meetings, Part Orders, Part Packages, And Material Planning. Provide Interdepartmental Communications And Data Acquisition. Clean, Test, And Repair Power Supplies, Servo Amplifiers, Teach Pendants, Main CPU And EMG Modules Containing Both Discrete And Surface Mount Component Technology. Prepared Documentation For Repairs And Test Procedures. Expand Product Knowledge Through Periodic Training.

### Electronics Service Engineer/Proposal Engineer Epcor Corporation Troy, MI 01/1999 - 10/2000

Contracted for FANUC Robotics North America Inc. Rochester Hills, MI. Creation Of Custom Rebuild, Refurbishment, Repair, P.M. And Spare Parts Support Packages. Coordinate Customer Contact Meetings, Part Orders, Part Packages, And Material Planning. Provide Interdepartmental Communications And Data Acquisition. Clean, Test, And Repair Power Supplies, Servo Amplifiers, Teach Pendants, Main CPU And EMG Modules Containing Both Discrete And Surface Mount Component Technology. Prepared Documentation For Repairs And Test Procedures. Expand Product Knowledge Through Periodic Training.

### Electronics Service Engineer Tarus Products Inc. Sterling Heights, MI 08/1997 - 01/1999

Clean, Test, Repair, Assemble, And Retrofit Prototype/Production Computers And Circuit Boards Containing Both Discrete And Surface Mount Component Technology. Software And Hardware Installation And Support. Field Service Support Of CNC Milling And CMM Inspection Machines. Installation And Support Of In-House Network. Organize And Maintain Component Inventory.

## Education

### ABB Inc. Auburn Hills, MI 06/2003 - 10/2009

Certifications In S2, S3, S4, S4C, S4C+, IRC5, Trallfa, S4P, S4P+ Electrical Maintenance, Robot Safety, Electrical Safety, Mechanical Safety, HAZMAT, ERT, Ethics, Diversity, SAP, JDE, Leadership, Team Work.

### FANUC Robotics North America Rochester Hills, MI 01/1999 - 06/2001

Certifications In R-J, R-J2, And R-J3 Electrical Maintenance And P200 Mechanical Rebuild, BAAN, MS Office, Visual Basic, ACT, Safari Report Writer, Robot Safety, Electrical Safety, Mechanical Safety, HAZMAT, ERT, Ethics, Diversity

### ITT Technical Institute Troy, MI 03/1996 -04/1998

Associate Degree Computer and Electronics Engineering Technology  
GPA Of 3.85 Member Of National Vocational Honor Society

## Affiliations

### National Vocational Honor Society in Electronics Engineering Technology Member 06/1997 - Present

## Skills

Apache	Customer Service	Hardware	Programming	Software
Automation	Database	Industrial Controls	Project Management	Technical Support
CNC & CMM	Design	Installation	Repair	Technical Writing
Communications	Electronics	Microsoft/Windows	Rework	Training
Computers	Engineering	Networking	Robotics	Troubleshooting
Content Management	Fabrication & Assembly	Open Source	Schematics	XHTML
CSS	GNU/Linux	PHP & MYSQL	Servers	XML