

# AUSTIN M. BAUMGART

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## MANUFACTURING OPERATIONS | TECHNICAL & LEADERSHIP EXPERTISE

Results-driven manufacturing operations professional with 10 years of progressive experience in high-volume production, technical services, prototyping, R&D, and business management. Proven record of leading teams, optimizing processes, and delivering measurable improvements in quality, cost, and productivity. Skilled in mechanical/electrical troubleshooting, lean manufacturing, and cross-departmental leadership. Adept at driving efficiency, safety, and profitability in demanding environments.

## CORE COMPETENCIES

- Operations & Team Leadership
- Lean Manufacturing & Process Improvement
- Mechanical & Electrical Troubleshooting
- Quality Assurance & Compliance
- Testing and Evaluation
- Project & Vendor Management
- Budgeting & Resource Allocation
- Safety & Regulatory Compliance
- Customer & Executive Relations
- Technical Systems: Microsoft Office 365, Teams/SharePoint, AutoCAD/OrCAD, Oracle ERP/Symix MRP, TeraTerm, Adobe CC, TeamViewer/Zoom, VPNs
- Tools & Equipment: Oscilloscopes, Function Generators, Network Testers, Pick-and-Place Machines(GSMx), Reflow Ovens, Soldering Equipment, Multimeters, Lathes, Mills, Surface Grinders, deburring tools, various cold formers/thread rollers, hand/power tools
- Protocols: CANbus, RS-232, J1708, J1939, BLE, Wi-Fi, Ethernet, FTP/SFTP/SSH
- Methodologies: 5S, Lean Manufacturing, Six Sigma Principles, Root Cause Analysis

## PROFESSIONAL EXPERIENCE

- **GENERAL DYNAMICS LAND SYSTEMS — Driver Mechanic** | 04/2024 – Present
  - Maintain and repair military vehicles, ensuring operational readiness and safety compliance.
  - Fabricate and install electrical harnesses; certified in IPC J-STD-001 standards.
  - Utilize diagnostic equipment to identify and resolve mechanical and electrical issues.

- Collaborate with engineering teams to implement modifications and improve vehicle performance.
- **CONTRACTOR NETWORK SERVICE LLC — Owner / Project Manager | 2018 – Present**
  - Manage full-cycle operations for subcontracting business specializing in networking, IT, and technical service and repair.
  - Delivered complete network installation for AAA Insurance including 14 Cat6 lines, full server rack, and system verification.
  - Coordinate subcontractors, materials, and timelines for commercial and residential projects. Projects include design, structured cabling, server deployments, and technical system upgrades.
  - Provide technical troubleshooting, PCB repair, and system upgrades for diverse clients.
- **COLD HEADING CO. — Team Leader | 07/2019 – 04/2024**
  - Supervised production operations, trained new operators, and managed scheduling for a high-output manufacturing line.
  - Reduced downtime by 30% through improved setup procedures and proactive maintenance.
  - Designed documentation systems still in use, improving tracking, training, and setup efficiency.
  - Piloted new jobs and implemented continuous improvement practices to enhance throughput.
  - Trained and experienced on National, Nedschroef, and Sakamura Cold Formers.
- **HEGEMON ELECTRONICS INC. — Manufacturing Supervisor | 01/2017 – 07/2019**
  - Reduced product cost by 10% by designing a new test fixture eliminating part costs and cutting testing time.
  - Conducted quality inspections and ensured compliance with engineering standards.
  - Produced, tested, and inspected PCB boards and products down to the component level; assisted engineering with drawings, test instructions, and troubleshooting/debugging.
- **INDEPENDENT CONTRACTOR — Security, Construction, Photography | 2018 – Present**
  - Provided private security services for a high-traffic entertainment venue.
  - Managed subcontracted construction and landscaping projects.
  - Delivered professional photography services for weddings, fundraisers, and private events.
  - Volunteer work with The Parade Company since 2018.

## **CERTIFICATIONS & TRAINING**

- IPC J-STD-001 Certified
- CPR / First Aid / First Response
- Security Clearance
- Pursuing Six Sigma Green Belt (Target: 2026-2027)
- Exploring CompTIA A+ and CompTIA Security+ (Future Goals)

## **EDUCATION**

National University – Bachelor of Science in Electrical and Computer Engineering – Undergraduate | 2025 – 2029

L’Anse Creuse High School-North — Diploma | 09/2011 – 06/2015

## **ACHIEVEMENTS**

- Reduced downtime by 30% through process improvements.
- Designed a documentation system adopted company-wide.
- Cut production costs by 10% via engineering redesign.
- Successfully managed and delivered multi-phase technical projects for commercial clients.
- Supported prototype builds for defense-grade systems.

## **OTHER QUALIFICATIONS**

- Quick learner of new software applications and manufacturing processes.
- Type up to 85 words per minute.
- Excellent verbal and written communication skills.
- Comprehension of blueprints and schematics; mechanical and electrical, familiar with GD&T standards.
- Maintains a clean, safe, and organized working environment for maximum efficiency (5S).
- Exposure to engineering test equipment including oscilloscopes, function generators, logic analyzers, and CAD software.
- Exposure to die repair, tooling modification, and change-outs.

## **PERSONAL INTERESTS**

Computers, electronics, and technical repair; nature and wildlife; photography; astronomy and physics; DIY projects; and helping others achieve personal growth and fulfillment.