

CARL A. SEWELL

465 Byron Moman Rd.
Albertville, Alabama 35950
256-738-5084 (cell)
256-582-2008 (w)

EMPLOYMENT EXPERIENCE

- Owner -**
Guntersville Laser Engraving
Guntersville, AL
Small business owner of laser engraving services for industrial and commercial industries.
(7/05 – present)
- Engineering Consultant/
Software Developer**
Guntersville, AL
Independent engineering consultant for local businesses and industries focusing on high technology manufacturing and computer related solutions. Internet based consulting for bar codes, 2D symbologies, and direct part marking techniques. Designed/created Windows-based software utility for creating Data Matrix symbols (2D symbology) with features not found in competing software. Managed day-to-day operations of a minority owned, health-related business. Secured financing and managed all start-up aspects of the business that has returned a profit since opening.
(7/03 – present)
- Sr. Engineer**
RVSI Acuity CiMatrix
Huntsville, AL
R&D of new mfg. processes for direct part marking involving lasers, mechanical marking, chemical marking, and next generation marking/reading technologies for automated part identification symbologies (1D and 2D). Machine vision, automatic part identification equipment, software integration and development. Engineering lead for the R&D lab consisting of over \$1/2 million worth of equipment. LAN system administrator (NT, UNIX, Perl, C).
(1/98 – 7/03)
- Sr. Process Engineer
Design Engineer**
EATON Corp.
Arab, AL
Electromechanical Design (Pro-E), Concurrent Engineering, Demand Flow Technology, robotic assembly, vision inspection, SMT/hybrid, chip and wire, plastic/metal ultrasonic welding, assistant UNIX system administrator.
(9/93 - 1/98).
- Mfg. Engineer**
COMPTRONIX Corp.
Guntersville, AL
SMT, AI, tooling/fixture design, electro-mechanical manufacturing processes, off-line programming (PASCAL, LISP, BASIC), CAD/CAM, communication equipment assembly.
(2/90 - 9/93).
- Robotics Engineer**
*United Technologies
USBI, Inc.*
Huntsville, AL
Proposal development of advanced automated systems; design and development of mobile robotic systems; real-time 3D robotic simulations; DOD Secret Clearance.
(4/88 - 4/89)
- Mfg. Systems Eng.**
*DANA Corporation
Center of Technology*
Ottawa Lake, MI
Research and development in the implementation and integration of advanced manufacturing methodologies, including: robotics; vision; CAD/CAM; coordinate measuring machines; simulation; group technology; voice systems; LAN's; and application programming (PASCAL, BASIC, FORTRAN and C).
(1/85 - 4/88)

EDUCATION

Michigan Technological University
BS - Mechanical Engineering (Design Option)