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## RESUME

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### **PROFESSIONAL OBJECTIVE:**

To secure a challenging and responsible position in a electrical/industrial and digital electronic environment where my training, ability, education and experience will have valuable application

### **SUMMARY:**

Over twenty years experience as an Electronic Technician and Field Engineer supporting small/medium system applications. During this time held various technical, engineering and administrative positions. Responsibilities included component level troubleshooting, repair of various microprocessor and digital based systems, peripherals, technical support of factory, sales and field service personnel, direct interface with OEM customers and manager of a Field Service and a Technical Support Department.

Analytical with enthusiastic approach to a service/technical oriented environment. Posses excellent verbal and written communications skills and the ability to get along with customers, management and personnel of all levels.

Extensive experience with PC based products, PLC's, Access Control, Security, Point of Sale equipment. Software and operating experience includes typical PC applications, Database, Word-processing, PLC ladder logic, C programming on embedded controllers and PC host, PIC, ATMEL, microprocessor assembly programming, Microprocessor digital/analog interface , FCC General Operators License NFBAA NTS Certified Alarm Technician (Level 1 and 2)

### **EXPERIENCE:**

06/2007 – Present CREATIVE SECURITY SYSTEMS, LLC – Montgomery, AL.  
STAFF TECHNICAL SUPPORT – Duties include researching and implementation custom solutions for specialized projects to support companies diverse customer base requirements. Special projects included a synchronized clock system tied to the Time and Attendance stations, PLC based system to allow integration of disparate electronic equipment for DOD customer security application. Special micro controller design including programming (C language) and fabrication and wiring of custom PCBA. Assisted service technicians when required.

12/2001- 09/2006 THERMALEX, INC. – Montgomery, AL.  
ELECTRICAL TECHNICIAN- Assistant to Senior Electrical Engineer. Support of Maintenance Department to resolve electrical/electronic issues involving production manufacturing equipment. Responsible for projects to improve production processes which includes PLC configuration, wiring, installation, troubleshooting , ladder logic programming. Produce supporting drawings/diagrams (AutoCAD 2002) for changes, additions and modifications to electronic equipment. Identify and verify cost effective equipment to be used for production equipment improvement.

02/1999- 05/2001 MONTGOMERY TECHNOLOGY, INC. – Greenville, AL.  
TECHNICAL SUPPORT – Provide telephone and on site technical support to detention facility maintenance staff, project managers, distributor's and service personnel on use and problem resolution of PLC equipment manufactured by company. This included installation of hardware and programming issues. Assumed training duties and produced training materials for training classes I conducted.

08/1993- 02/1999

GREATER ORLANDO AVIATION AUTHORITY - Orlando, FL.

ELECTRONIC TECHNICIAN - Install, service, maintain, equipment used in the facilities of an International airport. Equipment included CCTV, Access Control, security, audio paging, fire alarm, Omron PLC and custom designed equipment. I designed a custom application which required programming an Intel 8051 microprocessor based embedded controller. This project involved two remote micro's communicating with each other. I had sole responsibility for this project. Position included required fire alarm testing, assistance to outside vendors.

01/1986-04/1991

CARDKEY SYSTEMS, INC. - Chatsworth, CA.

FIELD ENGINEER(REMOTE) - Field service on security, access control equipment based on DEC (LSI-11) minicomputers, IBM compatible computers, and microprocessor products of proprietary design. As a remote FE handled all service related issues for Florida, portions of Alabama and Mississippi. Support and factory interface for OEM/Distributor customer base on all technical issues and the resolution of those problems. Duties included end-user and distributor training. I increased maintenance contract sales considerably.

06/1983-01/1986

SYSTEMS ATLANTA, INC. Lebanon, GA.

FIELD ENGINEER - Normal duties of field engineer support on all micro/mini and multi-user computers and associated peripherals sold and supported by the company.

05/1981-06/1983

CROMEMCO, INC. - Mountain View, CA.

TECHNICAL SUPPORT (HARDWARE) - Customer service position reporting to Manager of Technical Support. Responsibilities involved support to OEM, distributors, dealers and end-users of hardware products based on the S-100 microcomputer buss. Position included conducting in-house training for third party maintenance personnel and dealer field service representatives. Review of technical manuals, schematics and generation of application bulletins and field service notices were some of the technical administrative duties of this position. (Promoted to Group Manager in 04/1983).

05/1980-05/1981

AMERICAN DIVERSIFIED SYSTEMS, INC. - Santa Clara, CA.

Service Manager - Position involved profitability of the service department, maintenance/repair of all Point-of-Sale and liquor control equipment marketed by the company. Responsible for in-house training of field service technicians. Normal administrative duties of department manager.

10/1978-5/1980

SHUGART ASSOCIATES - Sunnyvale, CA.

STAFF FIELD ENGINEER - Technical Support group, this position involved extensive interface with OEM customers concerning technical issues/problems interfacing computer and digital systems to floppy disk drives manufactured by the company. review of OEM, service manuals, etc. Field problem definition coordination and analysis to ultimate solution. Marketing interface for approval of all ECO's.

10/1977- 10/1978

RUSCO ELECTRONIC SYSTEMS - Glendale, CA.

Electronic Technician III - Position involved the responsibility of in-house microprocessor based access control equipment to the component level, updating equipment to latest relevant level. Had considerable customer contact providing recommendations to end-users and field representatives on hardware/software use.

**EDUCATION AND TRAINING:**

- ◆ *Threnholm Technical School*  
*Visual Basic Programming*  
*Advanced Visual Basic Programming*
- ◆ *Valencia College - Orlando, FL.*  
*C Programming (2 semesters)*
- ◆ *Valencia College - Orlando, FL.*  
*PLC - Programming (1 semester)*
- ◆ *SystemMark, Inc. - Orlando, FL.*  
*Novell Training and certification*  
*classes.*
- ◆ *National technical Schools*  
*Los Angeles, Ca.*  
*Electronic Technology*
- ◆ *Edison School of Technology*  
*Sherman Oaks, Ca.*  
*Electronic Technology*
- ◆ *Citrus College – Glendora, CA.*  
*Microprocessor/Digital Technology*

*Other on the job training & courses:*

- ◆ *Dale Carnigie - Customer Relations*  
*Course.*
- ◆ *Management Skills for the non-*  
*manager.*
- ◆ *Intel Communications Workshop*  
*Intensive hardware/software serial*  
*I/O training class*

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***PLC Programming Experience***

*Allen Bradley*  
*RSView32*  
*RSView ME*  
*RSLogix 500/5*  
*RSLinx*  
*AutomationDirect*  
*DirectSoft32*  
*Giddings and Lewis*  
*PicPro*  
*CTC Touchscreen*  
*Interact*

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*NTS NBF AA Certifications: Level 1 , Advanced Burglar Alarm Technician certified.*

