

# Albert Tejera

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## Summary

- Thirty three years of experience with all phases of product development, production and marketing.
- Several solid entrepreneurial successes with worldwide distribution.
- Specialized in the complete design of embedded microprocessor and DSP controllers in industrial control, robotics, battery charger, communications, security, medical and test instrumentation markets.
- Accomplished at digital, analog, and software designs of all types.
- Reputation for delivering quality designs, on time, and within budget.

## Experience

1990–Present Tejera Microsystems Engineering Inc. Tampa, FL

### **President – Chief Engineer**

- Lead the development of all electronic and mechanical designs, marketing, and manufacturing of products.
- Created a successful line of in house products for the Radio Control Hobby market and set up worldwide distribution.
- As a product development consulting firm, designs have included a robotic pill dispenser component, LED sign board, guaranteed pay lockout device for leased IBM PC compatibles, TENS unit for the medical market, the first ever cell phone modem interface, a specialized 600 baud re synchronization modem, a DSP based network management card, an external text to speech converter for PC's, a digital ultraviolet light absorption meter and many other PC board re-designs and feasibility studies.

1985-1990 Case Communications Inc. Largo, FL

### **Engineering Manager – Advanced R&D Group**

- Lead engineering team responsible for the company's critical future markets.
- Managed the development of a Network management card for a T1 switch.
- Lead the development of a company proprietary architecture for a T1 based LAN.
- Developed enhanced analog capabilities to a wrap around modem network management product

1984–1985 Security Tag Systems Inc. St Petersburg, FL

**Senior Electronics Engineer**

- Vital team member of new product development of electronic article surveillance equipment.
- Developed a multi processor DSP based controller for a Wide Exit System capable of detecting theft via large mall store entryways.

1982–1984 Nokia – Kinex Corporation. Largo, FL

**Senior Electronic Design Engineer**

- Designed a two-line dial backup option for a leased line modem
- Designed a network management card implementing an innovative and proprietary in-band signaling technique.
- Designed a dial in diagnostics system called "Telefix".

1980-1982 Sabtronics International, Inc. Tampa, FL

**Principal Project Engineer**

- The sole engineer for a small company developed a universal frequency counter, an Islamic prayer clock, a multi-meter interface for the TRS-80, Apple II and ATARI personal computer, and an order entry software system.
- Generated product documentation, sustaining engineering, and coordinated with advertising agencies of new and existing products.

1976-1980 Honeywell, Inc. Tampa, FL

**Test Engineer**

- Designed digital and analog in-house microprocessor controlled production test equipment
- R&D technician debugging PCB development on the TSEC/ST-51

**Education**

1977-1980 University of South Florida Tampa, FL

- Bachelor of Science in Electrical Engineering - (BSEE)

1973-1975 Hillsborough Community College Tampa, FL

- Associate in Science in Electronics Technology - (ASET)

**Experience**

- Programmed in 6800 / 02 / 05 / 09 / 705, 68000, 8080, 6502, 8530 TMS320 assembly languages and BASIC, FORTH, FORTRAN, PILOT, LISP and C programming languages.
- CAD/CAM Experience with Protel, OrCad and TANGO PCB
- Speak English and Spanish fluently.

**References**

Available upon request