

STEPHEN H. OSBORN

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EDUCATION

University of Phoenix – MBA/TM December 1998
MBA/Technology Management Program.

Brigham Young University – BSEE August 1988
Computer and Software Engineering

PROFESSIONAL EXPERIENCE

Zrak Systems LLC
Owner and Embedded Systems
Engineering Consultant
August 2006 to Present

Vitesse Semiconductor Corp
/Sitera Inc (Purchased by Vitesse)
Sr. Field Applications Engineer
Sr. Customer Service Engineer
May 1999 to August 2007

Applied Technologies Inc.
Sr. Electrical Engineer,
Mgr. Business Development
August 1993 to May 1999

Codar Technology Inc.
July 1992 to July 1993

Rockwell International Inc.
September 1988 to June 1992

U.S. Navy - 1978 to 1984

PROFESSIONAL SKILLS

System Design Experience:

Embedded Computing Systems
Ethernet and Storage Systems
Power Supply and Power Distribution Systems
Ruggedized and Environmentally Sealed Systems

Digital Design Experience:

High Speed Low Noise Digital Design
Digital Signal Processing using PIC and ARM7
Embedded 8051, ARM7, and PIC Designs
Hardware and Software Integration
ASICs, FPGAs and CPLDs

Analog Design Experience:

Amplifiers and Active Filters
A/D and D/A and Mixed Signal Designs
Switching and Linear Power Supply Design

Software Design:

Embedded Firmware Design
Real Time Multitasking RTOS Applications
System Control Applications
Data Collection and Analysis Software
Diagnostic and Test Software

Programming Languages:

Embedded C for ARM and 8051 Systems
C and Scripting for x86 Linux
C++ and C# for Microsoft Windows
Assembly for 8051 and Microchip PIC

Project Management:

Display Excellent Written, Oral, and Presentation Skills
Collaborate With Executives, Staff, Customers, and Partners
Thrive in Multi-Tasking Cross-Functional Environments
Develop and Direct Innovation from Concept to Launch
Create Efficient Teams, Budgeting Personnel and Resources
Assess and Evaluate Individual Talents and Mentor Growth
Empower Individuals and Teams to be Innovative.
Assist in System Design, Verification, and Validation
Evaluate and Resolve Interpersonal Issues

Sales and Marketing:

Track and Report Customer Requirements
Support and Instruct International Customers
Present Sales and Marketing Data to Customers
Train Company and Customer Technical Staff
Support Customer Technical Design Cycle
Assist in Debugging Customer Systems
Conversant with Storage, Ethernet, and Telecom Markets

PERSONAL INTERESTS

BSA Scoutmaster

Amateur Magician

Woodworker

Martial Artist