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Objectives

To obtain a challenging position as an electrical design engineer utilizing my experiences listed in my job history and to expand my abilities in the engineering and engineering management profession.

Employment history

Self Employed

Weyside Electronics 11/1/2005 to present www.weysideelectronics.com

After Datatek closed in 2005 I started Weyside electronics as sole proprietor and became the authorized service center for Datatek equipment. I am fully capable of repairing anything that Datatek ever built. This, at most, provides a few hours per week and is only a limited part time venture.

Self Employed

Weyside Inn and Cottages 5/24/2001 to present www.theweyside.com

In 2001, my wife and I bought a place in Big Indian where we had come for years for vacation. We bought The Weyside Inn and Cottages and still own it.

Datatek Corp. Mountainside, NJ www.datateknj.com 7/1977 to 9/2005 **28 years**

Sr. Project Engineer

My first year there was as a Test Department technician. For the remaining years I was a design engineer. I worked with the chief design engineer on site. The company designed and manufactured distribution and routing equipment for the Television Broadcast industry with customers such as ABC, CBS, NBC, many PBS stations, ESPN and many others. The circuitry that I have designed include analog audio and video, digital audio and video up to 1.485 GBps, microprocessor based control systems, and analog and switching power factor corrected power supplies up to about 1KW. Some projects were just improvements or enhancements to existing products. Others were started from scratch according to a customer's specifications.

My responsibilities and activities there were as Follows:

- Worked with customers engineering and technical staff regarding problems or consulting for a new product or implementing a solution using Datatek products.
- Work with Test and Production departments to implement the manufacturing and testing of the products.
- Microprocessor programming of most of the products that I designed. This programming was mostly done in Assembler with some C programming.
- Writing PC support and control software for the products in Visual Basic.

- Many products used programmable CPLDs by Xilinx. The programming for these was done by schematic entry.
- PCB layouts for many of my designs. I have a couple thousand hours at PCB layout using CadStar.
- Overall mechanical design and overall system designs for many products.
- Write test and assembly procedures.
- Write user manuals for the products.
- Create complete bill of materials for the products.
- Worked with the PCB layout, mechanical designers, Production and Test departments to complete the projects.
- Traveled to customer locations to help solve problems or assist with installations of our equipment.
- Training of customer's engineers and technicians about the use, maintenance and troubleshooting of Datatek equipment.
- Working with certification companies for CE certification of our equipment for shipment to Europe.

Education
My twenty eight years of performing design engineer work at Datatek was preceded by three years worth of courses towards a BSEE degree at New Jersey Institute of Technology ending in 1980.

Additional personal information
My wife, daughter, and I moved to New York in 2001 and before Datatek closed in 2005, I drove to Datatek two days per week and worked some hours at home.

I have a fully equipped electronics work shop fully capable of any servicing or testing any audio, video, digital and microprocessor based equipment.

My home shop equipment consists of the following:
Oscilloscopes: Tektronix 7603 4 channel 100 MHz, Tektronix 2213 2 channel 60 MHz
Digital multimeters: 3x Fluke 8050 4 ½ digits and others
Audio signal generators and signal analyzers: Audio Precision System One generator / analyuzer, HP 339A Generator / Analyzer
Video signal generator: Tek 146
Video vectorscope: Tek 520A
Logic analyzer: HP 1630D
HP and B&K frequency counters
Isolation transformers
Variacs of various sizes
Power supplies
Custom made power supply loads
More

At home computers and software:
Dell Dimension 8300 and Dell Inspiron Laptop with the following relevant software:
Vista Ultimate dual bootable to XP
Microsoft Office Enterprise 2007 complete suite
Word Perfect Office
Cadstar Schematic and PCB layout
Microsoft Visual Studio 6
The complete Adobe Creative Suite 2 including Acrobat 8, Photoshop CS2, InDesign CS2 and others
Autocad release 14