

About

Short Version:

Graduated from Purdue University 1970 - AAS- EET. Nipsco(Northern Indiana Public Service Con, a gas & electric utility, Installed and maintained Microwave and Telemetry Systems and Mainframe Scada System, was instrumental in designing, interfacing and programming a data retrieval system for their environmental data gathering equipment. From 1969-1984, Westinghouse Electric 1984-1985 Westinghouse Electric, programmed PLC's and developed process control & factory automation software to monitor and control processes via PLC's via full color graphics.

1986 – 1990 Avery Dennison developed process control monitoring and control software. using one computer to drive 4 full color graphics screens, writing and compiled in MS basic. A forerunner to programs like Labview before they existed.

1975 Founded Smith Computer Services in 1975 later incorporated as Smithtronix Corp in 1980, 1990 moved to florida, Changed Smithtronix to DigiTek Data Systems also know as DigiTek Computer Service. We install, setup, networks and servers and program systems. Continued development in multi screen displays driven by a single computer for Kiosks and process monitoring, expanding to Windows and Linux Server, online backup systems.

Amateur radio operator from 1958, first call letters a novice as WN9BPM to Advanced in 1965 as WA9NLA presently. Started in Computers in 1974 wirewrapping a Intel 4004 cpu and later in 1975 with first MITS Altair kit, have built and serviced thousands of computers from preDOS days to Windows Pro/Vista/ 7/2003/2008 servers.

Contract work for: MagicDraw, Obees Franchisee's Systems, PowerBASIC, Computers, Inc. & Benchmark Technologies, Gulf Wind Palm Island (Marine Max) & Waste Management

Experience:

Programmed Single Board Computers in Z-80 assembler to monitor a water treatment plant in Napierville, Ill.. Installed a S-100 system in school system in Schererville, IN with a Watson voice and auto dialer board that would call the parents homes in the evenings for the school to announce students that were truant. Programmed an 8080 SBC to automate a manually programmed dialer system for a dentist to try to get appointments for new patients.

Assisted in the dev of a assembly language routine to read the Datalok 32 bit serial data stream and recorded it to a 8 Inch floppy database and displayed alarm events in real time.

Assisted with an assembler software routine to read UPC barcodes using a Z80 SBC and used the HP's then new barcode reader pen in 1980... And assembler routines were also written for dBase II to print to an Epson dot matrix printer.

I am currently continuing with the next generation of Micro Processors (PIC chips) and working on developing a home power monitoring system. Hope to have a working prototype shortly. And working with new wireless data retrieval systems for remote data monitoring.

Friends, Engineers and Fellow Hackers in alphabetical first name order, who were influences in my life.. Thanks Guys... As I review this list I'm remembering more friends, so if your name is not here, stay tuned as it soon will be.

Al Yousif – Copier and Printer Service & Repair Expert
Andy Martin – Sr. Engineer, Programmer & Nipsco Conspirator
Art Garcia – Business buddy from Acro Electronics
Bill Gillespie SR & Scott Gillaspie Jr – Self Taught Mechanic & Electronics
Bob Sochor – HS buddy & hamfest buddy – WA9PKO
Bob Zale – Author of PowerBASIC
Darryle Greene – Phone Systems Expert
Dan Barnes – Southlake Security Systems
Ed Walter – Teacher Dyer Central HS & Programmer
Gary Bullard – Engineer - Programmer
Jim Hawes – Fellow Nipsco Microwave Engineer
James Rozzos – Audio Engineer & Businessman
James Sanner – HS Physics Teacher
Joe Markovich – Engineer & Amateur Radio Buddy
Joe Payer – Sr Engineer & Amateur Buddy – can fix anything electronic/mechanical WA9EMU
John Dziedziejko – Sr Engineer & Amateur Radio Buddy & Hamfest Pal W9QP
Larry Moss – Engineer & Fellow conspirator at Nipsco
Marc Slabnick – Linux Guru
Mark Winkler – Engineer/Designer & hacker buddy
Mike Pecseck – Ham Buddy – Fellow Experimenter Extraordinaire
Mike Warot – Programmer & Amateur Radio buddy
Tom Lisjac – Programmer & Linux Guru & Amateur Radio Buddy & Hamfest pal K9FX
Tony Raimondo – Programmer – Instructor - Votech
Ward Christensen – Father of the 1st BBS – IBM'er & hacker buddy

How did I get started in electronics? My dad bought me a Remco crystal radio kit when I was 5 years old, we built it and you could hear WLS in Chicago, WBBM & WJOB. From that moment forward I was hooked. I knew exactly what I wanted to do, I wanted to be an engineer. I geared every waking moment to that end. More on that later as time permits.

Lloyd – DigiTek
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