Peter Dennett

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Areas of Specialization

- Project management of computer software and hardware endeavors.
- Sales (pre and post) and marketing technical support.
- Network and communications protocols and systems.
- C and ASM design and development of embedded systems, applications, and device drivers.
- Manned space flight avionics systems.
- Digital hardware design: schematics and PCB layout.

Employment Record

PADSOFT, Inc *Computer Project Consultant* *1982 –*

Client List:

- Academia Sinica - Taipei Taiwan (Project management and system architecture)
- Anadarko Petroleum – Houston Texas (Plotting systems)
- Atlas Wireline Services – Houston Texas (Graphics systems for wireline services)
- Baker Atlas – Houston Texas (Plotting systems)
- Carlo Gavazzi Space – Milan Italy (System design and implementation)
- Cogniseis – Houston Texas (Geophysical software)
- Delphax Systems – Dedham Massachusetts (High performance embedded printing systems)
- Digicon – Houston Texas (Geophysical software)
- Gulf Oil – Calgary Canada and Houston Texas (Geophysical software)
- Houston Processors – Houston Texas (Geophysical software and embedded systems)
- Jacob Sverdrup – Houston Texas (System design and implementation)
- Lockheed Martin – Houston Texas (Communications monitoring)
- MIT @ CERN – Geneva Switzerland (Manned space flight avionic systems)
- Siemens Rolm Communications – Santa Clara California (Call center utilities)
- Sperry Univac – Houston Texas (Mainframe systems, operating systems)
- Texaco Oil – Calgary Canada (Geophysical software)
- Xerox – Boston Massachusetts (High performance embedded printing systems)

Major Projects:

- Project management and systems architect for an International Space Station sub-rack payload (ACOP)
- Embedded systems development. 8051 systems supporting CAN bus communications for a networked instrumentation system supporting GUI.
- TCP/IP client server systems for inter-connection to Microsoft DDE environment
- Printer and plotter driver development for Windows NT and Windows 9x.
- Shuttle payload flight software development and support including 1553 support.
- Avionics systems for the AMS-02 payload of the International Space Station
- Ground support systems for the Human Research Facility of the International Space Station

- X-Windows Motif development on Sun, SGI, IBM, ...
- High performance printer system integration's for many systems. Including implementations of TCP/IP servers for the lpd protocol.
- TCP/IP Telnet protocol client/server system for communications multiplexing providing remote control access to phone systems.
- Geophysical software development, conversion, and migrations. Including redesign and engineering a system from a card image batch system into a X-Windows environment.
- Development and marketing of device independent graphics libraries specializing in the geophysical environment.
- Design, development, and support of device drivers for block mux channel emulation support.
- Design, development, and support of device drivers for SCSI emulation support.
- Design, development, and support of emulation system to emulate printers, tapes, and disks via SCSI and block mux attachment.
- Development of several compiler and lexical analysis tools.

Tomlinson Geophysical *Sr. App. Programmer* *11/81 - 8/82*

- Graphics display device driver development
- Design and development of device independent graphics display system for geophysical data.

Sperry Univac *Data Processing Consultant* *3/76 - 10/81*

- Design, development, and deployment of array processor systems (UAP) attached to 1100 systems.
- Benchmark and testing support for development of Datawest Array Processors.
- Marketing support (pre and post sales) for integrated geophysical software systems based on 1100's and array processors.
- Design and development of multi CPU multi array processor device handler for tightly coupled systems.
- Communications support for front end process system, including development of Bisync protocol handler, multi-host support, and switching network systems.

Education

University Of Houston

- B. S. Computer Sciences, Magna Cum Laude 12/1974

References

Professional and personal references available on request.

Personal

- Born March 28, 1953.
- Married 25 years, two children.
- Current residence 20 years.