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ORIENTATION and OBJECTIVE	Very adaptable, capable technical specialist with a wide-range of in-depth computing experience. Usually more involved in systems than applications, but with experience in numerous application areas. Principled, with very strong communication skills. Interested in fulfilling technical position, full-time or part-time, as a developer, webmaster, technical consultant, or problem solver.

CONSULTING EXPERIENCE

1987-2010　　　**Independent Consultant**　　　**D-Squared Systems Inc.**　　　**Melville/Medford NY**

As an independent consultant, provided various technical computing services to numerous clients:

- Directly in charge of all system development, technical support, and operations for a consortium of Value-Added Networks (VANs) founded by GAP Instrument Corp. in Yaphank NY supporting both commercial EDI and U.S. Government EDI under FACNET and DoD DISA/DLA. Responsible for system administration of Windows NT network, Unix support, SQL Data Base Administration, and virtually all system design and programming.

- Six years as Technical Coordinator for Jacob Javits Convention Center in NY City responsible for all system programming on an IBM 4361 using DOS VSE/SP. Data Base Administrator for SQL/DS. Responsible for system support of Wang VS/100 system, for development and support of all PC systems, and for integration and communications between the three platforms, as well as with external systems.

- On a mission for the United Nations (UNDP) in Nairobi, was responsible for personal computer based hardware installation and testing, software and database installation, configuration, and programming, development of user interfaces, and training of support staff.

- For a $1 billion Real Estate Investment firm in Rockefeller Center, provided auditing, systems and network documentation and development, and training.

- With an associate, developed, implemented, and subsequently extended a PC and LAN based Newspaper Recovery System for Metropolitan News Service in Long Island City.

- Provided varied PC-based programming, webmaster, communications, technical support, and computer consulting services to other law, realty, insurance, manufacturing, aerospace, and various non-profit organizations on a fee or pro bono basis.

OTHER PROFESSIONAL EXPERIENCE

2000-2002　　　**Sr. Sys. Analyst/Programmer**　　**Forest Laboratories**　　　　　　**Commack, NY 11725**

As Webmaster for this pharmaceutical company, responsible for multiple Internet and Intranet web sites running under Unix and NT using Netscape and IIS web servers interfacing with an Oracle 8 back-end database. Developed and maintained various Intranet and stand-alone applications using ASP and Visual Basic, respectively. Handled developmental Oracle database admin, using ERWIN and other tools. Performed various in-house data conversions.

1998-1999　　　**Internet Specialist**　　　　　**American Data Services**　　　　**Hauppauge, NY 11788**

Handled the installation of an IBM S/360-25 and the conversion from 1401. Responsible for the SYSGEN and maintenance of TOS and DOS systems. Conducted training courses in S/360 programming, operations and production control for Vietnamese personnel with limited English capability.

1973-1987　　　**Technical Specialist**　　　　　**Grumman Data Systems**　　　　**Bethpage, NY 11714**

Developed a prototype Administrative Network linking PCs via PC Network which provided a menu-driven dBASE application to support a dozen Administrative functions, utilizing their existing hard-copy forms. Developed a system to automatically convert spreadsheet data and formulae from MultiPlan to Lotus 1-2-3. As part of the Grumman MicroLab, provided evaluations and support of wide-ranging PC-based hardware and software systems to the

Personal Computing Center and end-user departments. Was the project leader for the XT/370 Value Added Dealership program.

Developed and supported Grumman's PC-based Bulletin Board System including a gateway to Grumman's VM/CMS system. Designed and developed on own initiative Color Graphics based Gantt Charting and Spreadsheet Systems utilized by Grumman Data Systems both internally and in marketing.

Participated in varying capacities including test procedure formalization and actual testing on many conversions between various computer systems. Designed and developed several of the GDS corporate Conversion Tools including the Generalized File Converter, Generalized File Compare and a Test Data Extractor System. Project leader for the Ætna Insurance Company's conversion of IBM 7070 object code to IBM VS COBOL in Hartford CT.

Assigned to the System Test Lab to perform quality assurance testing on new or revised system environments utilizing standardized test beds.

Technical Director of Kuwait Computer Services; responsible for hardware installation and operation, development of all system and application software, and general support of marketing and management.

During two years in Tehran, assisted in establishment of Iranian Branch office of GDS. Provided System Programming and Consulting services to various organizations utilizing S/370 and Honeywell equipment.

Provided technical assistance to KLM Airlines in Holland in the development and implementation of an IPARS Departure Control System under BAL and ACP.

1970-1973　　Lead System Programmer　　Beneficial Data Processing Corp.　　Morristown, NJ 07960

Responsible for the selection and installation of all software and hardware. Handled the SYSGENs, maintenance and modifications of DOS POWER and OS MVT on two S/360-50s. Coordinator for all aspects of the operation of the system including data control and entry, troubleshooting, standards, and procedures. Provided technical support for PARS on-line system. Responsible for operator and programmer training.

1969-1970　　System Programmer　　Pacific Architects & Engineers　　Sai Gon, Viet Nam

Handled the installation of an IBM S/360-25 and the conversion from 1401. Responsible for the SYSGEN and maintenance of TOS and DOS systems. Conducted training courses in S/360 programming, operations and production control for Vietnamese personnel with limited English capability.

1967-1969　　Computer Programmer　　IBM Federal Systems Division　　Gaithersburg, MD

Provided contractual programming support to US Army and Marines in the areas of military systems and personnel using COBOL and BAL under both DOS and OS. Worked on development of IBM S/360 FFS Language. Developed Pentagon's standard 1410 Tape Dump Utility.

1964-1967	**Computer Programmer**	**Chevrolet Motor Div. of General Motors**	**Detroit, MI**
		State of Michigan Dept. of Education	**Lansing, MI**
		Fleming, Medura, and Conrad	**Detroit, MI**

Part-time positions utilizing COBOL, Autocoder and SPS on IBM 1400/7010. Taught COBOL programming.

EDUCATION	Michigan State University B.A. Communications 1966
CERTIFICATION	Certified Computer Programmer Institute for Certification of Computer Professionals (ICCP) 1991
OTHER	U. S. Coast Guard Auxiliary (National Webmaster) International FidoNet Association (First President) Member of Mensa Top Secret Clearance (lapsed)