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**SOFTWARE ENVIRONMENTS:**

WINxx, VM/CMS, DOS, MVS/TSO, LINUX, VS, TOPS-20, TOPS-10, VMS

**LANGUAGES AND PACKAGES:**

C++, BAL, PL/I, HTML, JAVA, JAVASCRIPT, WORD PERFECT, WORD, OPEN OFFICE, EXCEL, FORTRAN, PASCAL, PHOTOSHOP, VISIO, EXCEL, VS ASSEMBLER, FOXPRO, APL, ALGOL, BASIC, LISP, EXEC, EXEC2, REXX, PROLOG, CA-DATACOM (DATA-DICTIONARY, IDEAL, DATAQUERY), PAGEMAKER, SAS, SPSS, VS SCRIPT.

**HARDWARE:**

IBM PC, SUN, IBM 30XX, IBM 43XX, IBM 370, WANG VS 6/85/100/7300, DECSYSTEM 20, DECSYSTEM 10, VAX, WANG PC, MACHINTOSH

**EDUCATION:**

DECEMBER, 1984 - MS IN COMPUTER SCIENCE, SUNY-BINGHAMTON.  
(INCLUDED COURSES IN: DATABASES, ALGORITHMS, LANGUAGES, ARCHITECTURE, AND COMPILER DESIGN).

SEPTEMBER 1987 - ENROLLED IN P/T MBA PROGRAM, BENTLEY COLLEGE. (COURSES INCLUDED MANAGEMENT AND ACCOUNTING).

MAY, 1983 - BA IN COMPUTER SCIENCE, CORNELL UNIVERSITY

**WORK EXPERIENCE:**

SEPT 1994-  
PRESENT        FREELANCE PROOFREADER/COPYEDITOR  
                  CONSULTANT/SOFTWARE DEVELOPMENT  
                  TROIKA SYSTEMS, 130 LAKE AVENUE, ITHACA, NY 14850

SOFTWARE DEVELOPMENT IN C++. FREELANCE PROOFREADING AND COPYEDITING, PRIMARILY IN THE FANTASY AND SCIENCE FICTION FIELD.

JAN 1999-  
OCT 1999       PROGRAMMER/ANALYST  
                  THE CBORD GROUP, INC., 61 BROWN ROAD, ITHACA, NY 14850

DESIGN CODE, TEST, MAINTAIN, INTEGRATE SOFTWARE FOR SYSTEMS USED IN THE ADMINISTRATION OF INSTITUTIONAL FOOD SERVICE AND RELATED DEPARTMENTS.

DEC 1997-  
AUG 1998       PRODUCT ENGINEER  
                  PATHLIGHT TECHNOLOGIES, 9 BROWN ROAD, ITHACA, NY 14850

TESTED HARDWARE/FIRMWARE/SOFTWARE UNDER SOLARIS. CREATED AND DOCUMENTED SHELL SCRIPTS TO FACILITATE TEST PROCEDURES. WROTE TEST SPECIFICATIONS AND TEST PLANS. DEVELOPED UTILITIES (IN C) TO RUN ON A REALTIME OPERATING SYSTEM (VXWORKS).

MAY 1992-  
JUN 1993       CONSULTANT  
                  BUTLER SERVICES GROUP INC., 110 SUMMIT AVE., P.O. BOX 460, MONTVALE, NJ 07645

WORKED ONSITE AT CORNING INC., DEBUGGED AND ENHANCED A CORPORATE EDUCATION AND REGISTRATION SYSTEM, WRITTEN IN CA-IDEAL. HANDLED COMMUNICATION AND COORDINATION WITH TECHNICAL SERVICES AS WELL AS USER SUPPORT. BECAME THE ONLY SUPPORT PERSON FOR THE SYSTEM. PRODUCED APPROPRIATE DOCUMENTATION FOR BOTH THE TECHNICAL SIDE AND THE USER.

- AUG 1991-  
MAY 1992      LECTURER  
DEPARTMENT OF MATH AND COMPUTER SCIENCE, ITHACA COLLEGE, ITHACA, NEW YORK 14850
- TAUGHT INTRODUCTORY COURSES CS110: INTRODUCTION TO COMPUTERS [FOR USE IN BUSINESS] AND CS157: COMPUTERS AND YOU, AND FORTRAN PROGRAMMING. WROTE LECTURES, HOMEWORK ASSIGNMENTS, QUIZZES AND LABS FOLLOWING A GENERAL CONTENT OUTLINE PROVIDED BY THE COLLEGE. SELECTED MATERIAL TO BE COVERED IN SOME CASES. USED A VARIETY OF HARDWARE INCLUDING NETWORKED PCs AND A VAX CLUSTER. GAVE INDIVIDUAL AID TO PARTICULAR STUDENTS WHEN NEEDED.
- SEPT 1989-  
AUG 1991      DATABASE ANALYST  
EMERSON POWER TRANSMISSION, 620 SOUTH AURORA ST., ITHACA, NEW YORK 14850
- CREATED THE MVS VERSION OF A VSE UTILITY (RAPS3UTL) COMPLETE WITH USER'S MANUAL AND TECHNICAL DOCUMENTATION. WROTE PREPROCESSOR ROUTINES AND UTILITIES IN BAL UNDER MVS TO AID IN A VSE TO MVS CONVERSION.
- PROVIDED SUPPORT FOR ALL ASPECTS OF DATABASE APPLICATIONS USING CA-DATACOM PRODUCTS. WAS THE MOTIVATION BEHIND AN EFFORT TO CREATE STANDARDS FOR NEWLY ACQUIRED PRODUCTS (IDEAL) AND TO REVIEW AND DOCUMENT CURRENT STANDARDS. RESEARCHED AND IMPLEMENTED ADDITIONAL SECURITY MEASURES. BUILT USER REQUIREMENTS TABLES AND DATAVIEWS, AS WELL AS DESIGNING AND BUILDING NEW DATABASES VIA DATADictionary. PROVIDED OTHER PROGRAMMERS WITH AN INTERACTIVE TOOL TO CREATE THEIR OWN USER REQUIREMENT'S TABLES, FULLY TESTED AND DOCUMENTED.
- SEPT 1988-  
AUG 1989      SENIOR TECHNICAL CONSULTANT  
AGS INFORMATION SERVICES,
- WORKED ONSITE AT IBM GLENDALE ON CP AND CMS COMPONENT TEST OF ESA. PARTICIPATED IN ALL PHASES OF TEST: DEVELOPMENT OF A TEST PLAN, CONFIRMATION OF CURRENT FUNCTIONALITY, ENHANCEMENT AND TESTING OF A "TEST TOOL", AND ACTUAL TESTING IN SEVERAL DIFFERENT ENVIRONMENTS, INCLUDING USE OF A PC TO DRIVE MAINFRAME TESTING.
- APR 1988-  
SEPT 1988      SENIOR SYSTEMS PROGRAMMER  
CORNELL COMPUTER SERVICES, CORNELL UNIVERSITY, ITHACA, NEW YORK 14850
- UPGRADED PROGRAMS FROM VM/SP TO VM/XA. WORKED ON KNOWN BUGS IN SERVICE VIRTUALS.
- JUL 1986-  
APR 1988      SOFTWARE ENGINEER II  
WANG LABORATORIES INC., ONE INDUSTRIAL AVENUE, LOWELL, MASSACHUSETTS 01851
- DEVELOPED, TESTED AND DEBUGGED VARIOUS OPTICAL DISK UTILITIES, INCLUDING USER INTERFACES AND EXTERNAL DOCUMENTATION. DEVELOPED, TESTED AND DEBUGGED VARIOUS PIECES OF A MICROFILM-BASED IMAGING SYSTEM, INCLUDING A COPY SERVER AND PRINTER SERVER, WORKING IN VS ASSEMBLY LANGUAGE. HELPED DEVELOP TOOLS TO TEST THE IMAGING SYSTEM. INTEGRATED WITH TASKS WRITTEN BY OTHER GROUPS, AS WELL AS WITH HARDWARE SUPPORT,. WROTE NECESSARY EXTERNAL DOCUMENTATION.
- APR 1985-  
JUL 1986      SOFTWARE ENGINEER  
ARTIFICIAL INTELLIGENCE CORP., 100 FIFTH AVENUE, WALTHAM, MASSACHUSETTS 02154
- ENHANCED AND TEST PORTIONS OF INTELLECT (A NATURAL LANGUAGE DATABASE INTERFACE) INVOLVING THE USE OF SQL AND VSAM DATABASES AND SEQUENTIAL FILES. WORKED CLOSELY WITH QUALITY ASSURANCE ON DETERMINATION AND RESOLUTION OF PROBLEMS. TRANSLATED AND DEBUGGED PROGRAMS FROM PL/I TO C.
- DEC 1983-  
MAR 1985      PROGRAMMER  
IBM CORPORATION, ENDICOTT, NEW YORK 13760
- DESIGNED, CODED AND TESTED PROGRAMS WRITTEN IN PL/I AND BAL FOR USE IN COMPUTER-AIDED MANUFACTURING. MODIFIED AND UPDATED EXISTING SYSTEM CODE TO REFLECT DESIGN CHANGES. CREATED EXTERNAL DOCUMENTATION USING SCRIPT.

MEMBER OF THE EDITORIAL FREELANCERS ASSOCIATION.

REFERENCES AVAILABLE UPON REQUEST.