

From	Apr 2012	To	Present	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
For three months, pursued a career position full-time while performing systems administration for Windows, GNU/Linux, and networking at home plus several <i>pro bono</i> engagements for a people of merit.									

From	Apr 2012	To	Apr 2012	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	CompWorks, Inc.					Telephone	(610) 530-5000		
Address	1390 Ridgeview Drive, Allentown, PA, 18104								
Position	Programmer III			Supervisors	TBD				
Description of Duties								Reason For Leaving/Change	
As a W-2 employee of CompWorks for their client Pennsylvania State Department of Corrections, performs part-time systems programming as needed for a mainframe running VM, VSE, and CICS.								[confidential]	

From	Jul 2011	To	Apr 2012	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
For nine months, pursued a career position full-time while performing systems administration for Windows, GNU/Linux, and networking at home plus several <i>pro bono</i> engagements for a people of merit.									

From	May 2011	To	Jul 2011	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Panzer Solutions LLC					Telephone	(203) 971-8359		
Address	45 Stuart Ave, K , Norwalk, CT, 06850								
Position	Mainframe Consultant			Supervisors	Sasha Savransky (client)				
Description of Duties								Reason For Leaving/Change	
As a W-2 employee of Panzer for their indirect client New York Life Insurance Company, developed plans and began testing an approach to replacing TELNET and FTP usage with SSH by most NYLIC z/OS production systems, plus assisted non-mainframe team members with planning the company-wide project.								[confidential]	

From	Feb 2011	To	May 2011	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
For three months, pursued a career position full-time while performing systems administration for Windows, GNU/Linux, and networking at home plus one <i>pro bono</i> engagements for a person of merit.									

From	Nov 2010	To	Feb 2011	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	IBM Corporation					Telephone	(800) 796-9876		
Address	700 Locust Street , Dubuque , IA , 52001								
Position	SMI-Jazz, ITD Technical Services			Supervisors	B.C. Ray				
Description of Duties								Reason For Leaving/Change	
Learned internals of CLAS security administration system and began support thereof. Responded to problem tickets as appropriate including system analysis, defect detection, and remediation. Provided proactive (senior level) support and mentoring of less skilled technicians. Note that I held maximum security authorizations on most IBM internal production mainframe systems (z/OS, z/VM, and zLinux) in the western hemisphere.								[confidential]	

From	Nov 2009	To	Nov 2010	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
For twelve months, pursued a career position full-time while performing systems administration for Windows, GNU/Linux, and networking at home plus several <i>pro bono</i> engagements for people of merit.									

From	Feb 2006	To	Nov 2009	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Realistic Computing, Inc.					Telephone	(410) 744-8144		
Address	4 West Rolling Crossroads, Suite 13, Baltimore, MD 21228								
Position	Senior Systems Programmer			Supervisors	Sequoia Ramsey				
Description of Duties								Reason For Leaving/Change	
February 2006–November 2009: Under contract to the City of Baltimore, supported 24/7 (mostly as the only systems programmer) and maintained several IBM mainframes (9121, 2003, and 7060) running VM/ESA, VSE/ESA, and CICS/ESA. This did not include applying patches as the software portfolio was unsupported by the vendors. Handled administration of ALERT/VSE security package, CA-DYNAM-T, CA-DYNAM-D, FAQS/ASO, and other miscellaneous third-party software. Monitored system performance using JARS, McKinney RTM, and VMPRF. Interfaced with IBM CE on all IBM hardware matters. Shared support of TCP/IP printing infrastructure with Rochester Software Associates (RSA) running RSA MPrint and QDirect software on Sun SPARC Solaris servers. Supervised the training and work of a part-time backup systems programmer off and on. Worked with IBM business partner to develop requirements for upgrading to a z10 BC platform to run z/VM, z/VSE, and CICS/TS.								[confidential]	

From	Sep 2001	To	Feb 2006	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
<p>From 46 months, I focused primarily on family matters. During this time I spent much time at the private school my sons attended, performing substitute teaching for kindergarten through 12th grade, coaching the school's two chess teams, and providing <i>pro bono</i> support for the administrative computer systems running Windows. Since January 2005 I had also been working part-time as a Crew Member at Trader Joe's grocery store in Gaithersburg, Maryland.</p>									

From	Oct 2000	To	Sep 2001	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	America Online, Incorporated					Telephone	(703) 265-1000		
Address	22110 Pacific Drive, Dulles, VA 20166								
Position	Senior Systems Analyst					Supervisors	Mark E. Sunderlin		
Description of Duties								Reason For Leaving/Change	
<p>October 2000–September 2001: Performed maintenance and development in C and Perl of a highly confidential statistical analysis system running on HP/UX systems that summarized daily AOL network usage.</p>								[confidential]	
Classes While Employed By AOL									
Start	End	Duration	Subject				Institution	Location	
Dec 2001	Dec 2001	1 week	Perl Workshop				Learning Tree	Reston, VA	

From	Feb 2000	To	Oct 2000	Start	N/A	Finish	N/A	Last Increase	N/A
Uncompensated Period									
<p>For eight months, pursued a career position full-time while performing systems administration for Windows, GNU/Linux, and networking at home plus several <i>pro bono</i> engagements for people of merit.</p>									

From	Jan 1990	To	Feb 2000	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Keane Inc. (originally AGS, was bought by Keane)					Telephone	(703) 848-7200		
Address	1410 Spring Hill Rd # 500, McLean, VA 22102								
Position	Senior Consultant (W-2 basis)					Supervisors	Dee Steeley, Ruth Saunders		
Description of Duties								Reason For Leaving/Change	
<p>September 1999–February 2000: Unassigned and unbillable</p>								[confidential]	
<p>April 1999–August 1999: Performed development on several Bell Atlantic mainframe logistics applications in COBOL II using IMS and DB2.</p>								[confidential]	
<p>May 1993–March 1999: Performed product development, technical support, and system and network administration for Group 1 Software, Inc. in Lanham, MD involving UNIX and Windows NT platforms using Micro Focus COBOL, C, and C++, plus InstallShield 3 and 5.1 (including DEC Alpha support) and standard UNIX and FSF tools. Developed interface modules between the core product applications and the platform environments, installation packaging and documentation, and CD-ROM and DAT mastering procedures. Flew to countless customer sites to resolve technical difficulties and otherwise save accounts. Presented technical material to customers in sessions at three Group 1 Users' Conferences as well as providing Level 2 and marketing support as needed.</p> <p>Abruptly took on the UNIX and TCP/IP networking administration in February 1996 for nine months, supporting the final stages of the project establishing Group 1's Web site and Internet T-1 connection. Systems supported included Windows NT Intel and Alpha servers, IBM RS/6000s running AIX 3 and 4, an HP 9000 running HP/UX 9.04, SCO on Compaqs, a DG Aviiion running DG/UX with a Clarion RAID unit, a SPARCStation 5 running Sun/OS 4 and Solaris 2, an SGI Indy running IRIX 5 and 6, an HP 3000 running MPE/iX, and a VA Research Pentium server running first Linux, then BSD/OS that served as the firewall / application proxy / DNS, sendmail, FTP, and Web server (Apache), as well as a Cisco 2501 router. Performed numerous OS installs and upgrades, PC hardware maintenance, and LAN/WAN performance analysis and troubleshooting.</p> <p>Received a wall plaque commemorating contributions to Group 1 UNIX business objectives in April 1994 at the company's annual awards banquet (the only time in the company's history a contractor had been so honored).</p>								[confidential]	
<p>Apr 1993–May 1993: Contributed significantly to the development of a successful response by AGS Information Services to a mainframe database migration RFP.</p>								[confidential]	
<p>Nov 1992–Mar 1993: Developed a SCSI (ASPI) device driver and higher level application logic in MASM and C Set/2 for OS/2 Release 2 to manage a high speed scanner in support of an IBM/FSD operational capabilities demonstration (OCD) in Gaithersburg, MD for a Social Security Administration RFP.</p>								[confidential]	
<p>Aug 1992–Oct 1992: Developed an approach for the National Geographic Society in Rockville, MD to modernize the data communications components of several elementary school products, including an analysis of the potential of the Internet.</p>								[confidential]	
<p>May 1992–Jun 1992: Assisted IBM/FSD and AT&T in Manassas, VA with the final stages of developing their response to a major US Army RFP for UNIX computing and networking facilities.</p>								[confidential]	
<p>Nov 1991–Apr 1992: Assisted the NASDAQ Stock Market in Rockville, MD with its network outsourcing RFI and RFP solicitation project. Defined the requirements for network management using SNMP and assisted with LAN/WAN network modeling using COMNET-II.5 and Bones. Also managed an RBBS dial-up bulletin board system for bidder communication.</p>								[confidential]	
AGS/Keane history continues on the next page...									

AGS/Keane History [continued]						
Jul 1991-Sep 1991: Developed a logging/tracing facility in Motorola 68000 assembler and C for a magnetic tape recertification application developed on an HP/UX system for the National Security Agency (NSA) in Columbia, MD. The application featured Motif user interfaces and multi-system client server architecture.						[confidential]
Jan 1990-Jul 1991: Performed software product build and integration for IBM/ASD in Bethesda, MD under MVS/ESA and VM/ESA using SMP/E, S/370 Assembler, Rexx (VM and MVS), and OS/2 EE Release 1.2. Involved in planning, research, documentation (BookMaster), and customer support. Developed tools, standards, and procedures that dramatically improved throughput and accuracy of the packaging processes, and trained the client staff to use them.						[confidential]
Classes While Employed by AGS/Keane						
Start	End	Duration	Subject	Institution	Location	
Jul 1992	Jul 1992	1 week	UNIX System Administration	Learning Tree	Reston, VA	
Mar 1992	Mar 1992	1 week	Network Modeling	CACI	Roslyn, VA	

From	To	Start	Finish	Last Increase		
Jan 1989	Jan 1990	[confidential]	[confidential]	[confidential]		
Employer						
Name	ARINC Research, Inc.			Telephone	(410) 266-4000	
Address	2551 Riva Road, Annapolis, MD, 21401					
Position	Principal Analyst		Supervisors	Wally Miller		
Description of Duties				Reason For Leaving/Change		
Maintained and enhanced the AUTODIN Intersite Gateway software of the Air Force Logistics Command, a project written in C and documented using nroff that interconnected AUTODIN II, Ethernet, and X.25 circuits and ran on Gould Concept/32 and PowerNode 6000 hardware under UTX/32. Provided network troubleshooting expertise and developed numerous enhancements using Bourne shell scripts, awk, sed, as well as C programming, including the design of a new facility based upon Berkeley Sockets. Researched, designed, and implemented a fiber optic circuit to extend serial port services. Participated in a major RFP by providing MVS, SNA, and TCP/IP technical expertise and significant written deliverables.				[confidential]		

From	To	Start	Finish	Last Increase		
Sep 1988	Jan 1989	[confidential]	[confidential]	[confidential]		
Employer						
Name	Computer Associates, International			Telephone	(703) 708-3000	
Address	575 Herndon Parkway, Herndon, VA, 22070					
Position	Senior Product Engineer		Supervisors	Barry Walker		
Description of Duties				Reason For Leaving/Change		
As part of a rewrite of CA-FastDASD, an MVS DASD/storage director performance analysis product, designed, developed, and tested a 3880 model 23 and 3990 model 3 cache data collection subtask. Written entirely in S/370/XA Assembler, this enhancement was successfully tested under MVS/XA and MVS/ESA. Characteristics of the software included Format 1 channel programs, use of STARTIO, an I/O second level interrupt handler (SLIH) disabled interrupt exit (DIE), and SRB-mode routines. Reviewed the design of hooks into the MVS I/O Supervisor for the main task of the product and performed debugging of those hooks using VM/XA SP 2.				[confidential]		

From	To	Start	Finish	Last Increase		
Apr 1988	Sep 1988	N/A	N/A	N/A		
Uncompensated Period						
For five months, pursued a career position full-time.						

From	To	Start	Finish	Last Increase		
Nov 1984	Apr 1988	[confidential]	[confidential]	[confidential]		
Employer						
Name	Network Solutions, Inc.			Telephone	(703) 742-0400	
Address	505 Huntmar Park Drive, Herndon, VA, 20170					
Position	Lead Software Engineer		Supervisors	Will McDuffie		
Description of Duties				Reason For Leaving/Change		
Served as chief developer of DDN/MVS (later renamed Open-Link For IBM/MVS), a sophisticated package of over 50,000 lines of code written almost entirely in S/370 Assembler based upon the public domain UCLA ARPANET Control Program that interfaced MVS/VTAM environments to TCP/IP networks. Designed and implemented an SMTP server, an API to User FTP, significant enhancements to the BBN 1822 (IMP) HDH line driver, FTP throughput enhancements, and a Server TELNET interface to SIM3278/VTAM. Developed a configuration management system using CMS Rexx and taught junior systems engineers how to customize and install the product. Served as Chairman of SHARE, Inc.'s VM Group Passthru Committee for one year.				[confidential]		
Classes While Employed By Network Solutions						
Start	End	Duration	Subject	Institution	Location	
Apr 1985	Apr 1985	1 week	Military Data Communications (SECRET)	AFCEA Education	Adelphi, MD	

From	Nov 1983	To	Oct 1984	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Computer Sciences Corp.					Telephone	(301) 937-0760		
Address	4600 Powder Mill Road, Beltsville, MD, 20705								
Position	Computer Scientist				Supervisors	David Henry			
Description of Duties								Reason For Leaving/Change	
<p>For the Orbit Computation System at the NASA Goddard Space Flight Center, performed systems software support on two NAS AS/8040 CPUs running VM/SP, MVS/SP, and OS/MVT, and two Amdahl 4705 Communications Processors running EP/VS with the CommPro PP04 Network Facilities Package. Supervised installation of VM/SP SIPO/E Release 2.1 when the first CPU was installed, then personally installed same on the second CPU three months later. Program Products included RSCS Networking R3.0, IPCS/E R2.0, IPF R4.0, ISPF R1.0, ISPF/PDF R1.0, DIRMAINT R2.0, VMAP R3.5, SMART R1.2, VS FORTRAN R2.0, and the VS PL/I Transient Library R4.0. When management was unable to hire a specialist, voluntarily assumed responsibility for the FEPS, teaching myself the hardware, software, and configuration. Maintained the installed software, including ten CP configuration changes, two EP configuration changes, the installation of PUT 8307, three CP APARs, and one local enhancement to CP (for CommPro support). Troubleshot countless incidents while performing onsite support duties, including critical support periods during the launch and reentry phases of several Space Shuttle missions. Received a Certificate of Appreciation from NASA for "exceptional service." Participated in the System Management Project of SHARE, Inc., notably in the development of five major requirements dealing with stand alone utilities. Planned the installation of VM/SP Release 3.1 at PUT 8402 service level.</p>								[confidential]	

From	Sep 1982	To	Oct 1983	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	COMNET Corp.					Telephone	(301) 731-2500		
Address	4200 Parliament Place, Lanham, MD 20706								
Position	Senior Systems Programmer				Supervisors	Tom Freland, Tom Kenton			
Description of Duties								Reason For Leaving/Change	
<p>Handled primary development and maintenance responsibility for ALPHA, COMNET's proprietary alternative to TSO, as well as secondary responsibility for the in-house computer usage accounting and system security software, all written in S/370 Assembler and running in a multi-CPU, shared DASD MVS environment. Designed numerous system enhancements, including a "software bus" network, modified user SVC routines, performed extensive system dump analysis, provided technical support, and developed and instructed a class on VM technical concepts.</p>								[confidential]	
Classes While Employed By COMNET									
	Start	End	Duration	Subject			Institution	Location	
	Sep 1983	Sep 1983	2 days	SMP/E Migration			IBM Training Center	Crystal City, MD	
	Jul 1983	Jul 1983	1 week	CP Internals			Amdahl Education	Columbia, MD	
	Oct 1982	Oct 1982	1 week	CMS Internals			Amdahl Education	Columbia, MD	

From	Sep 1980	To	Aug 1982	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Johnson Systems, Inc.					Telephone	N/A		
Address	(acquired by Computer Associates, International)								
Position	Software Specialist				Supervisors	Dick Bunyan			
Description of Duties								Reason For Leaving/Change	
<p>Engineered operating system interface software for use in CMS, MVS, OS/VS1, and DOS/VSE environments, including all phases of development from concept to code (S/370 Assembler), internal and external documentation (DCF), and significant enhancements to the company's software development standards using CMS EXECs and EDGAR. Designed a testing methodology that included an interpretive test driver, then, as project leader for a group of five technicians, developed same. Designed a report writer facility while participating in high level discussions for a redesign of the JARS package. Enhanced the APEX product to generate User SMF records. Participated in formal inspections of external designs, internal designs, code, and test cases as an author, inspector, reader, and moderator.</p>								[confidential]	

From	Apr 1979	To	Sep 1980	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Fairchild Industries, Inc.					Telephone	(301) 428-6000		
Address	20101 Century Boulevard, Germantown, MD, 20767								
Position	Senior Systems Programmer				Supervisors	Moshe Abarbanel			
Description of Duties								Reason For Leaving/Change	
<p>Performed system programming for the corporation's IBM S370/155 running OS/MVT/HASP/RJE/TSO. Performed all SYSGENs and maintenance using SMP, including the installation of many local modifications to MVT and HASP which resulted in dramatic throughput and response time improvements. Responsible for troubleshooting all abnormal system conditions, analysis of system dumps, and technical support to a user community of engineers and MIS personnel. Participated in the installation of an IBM 4341-2 CPU running VM/370 Release 6 with BSEPP in a shared DASD and tape environment, including SCP generation, user training and support, and the planning of hardware configurations and layouts.</p>								[confidential]	
Education while at Fairchild on next page									

Classes While Employed By Fairchild						
Start	End	Duration	Subject	Institution	Location	
Sep 1980	Dec 1980	1 semester	Introduction To Microprocessors	Montgomery College	Germantown, MD	
May 1980	May 1980	1 week	VM/370 Advanced Topics	IBM Training Center	New York, NY	
Apr 1980	Apr 1980	2 days	SMP 4	IBM Training Center	Crystal City, VA	
Apr 1980	Apr 1980	1 week	VM/370 Installation	IBM Training Center	New York, NY	

From	Aug 1978	To	Apr 1979	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	General Electric Information Services Company			Telephone	(301) 340-4000				
Address	401 North Washington Street, Rockville, MD, 20850								
Position	Systems Analyst			Supervisors	Bob Jessup				
Description of Duties							Reason For Leaving/Change		
Performed system software maintenance using SMP R3.8 for the service bureau's IBM 3033 and S370/158 running MVS/JES2 under VM/370 Release 3 being used to develop GEISCO's Mark 3000 commercial timesharing service. Performed a full MVS SYSGEN, installed four SUs including MVS/SE and RACF, applied two PUT tapes, interfaced with the PSR in regards to MVS maintenance, and supervised two trainees in the packaging and installation of numerous local PTFs, including UCC-1, JTIP, LOOK, SMF exits, and major enhancements to RACF, JES2, TCAM, and TSO.							[confidential]		
Classes While Employed By GEISCO									
Start	End	Duration	Subject	Institution	Location				
Sep 1978	Sep 1978	2 weeks	MVS For Systems Programmers	IBM Training Center	Crystal City, VA				

From	Nov 1977	To	Jul 1978	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	COMNET Corp.			Telephone	(301) 731-2500				
Address	4200 Parliament Place, Lanham, MD 20706								
Position	Systems Programmer			Supervisors	David Marcus				
Description of Duties							Reason For Leaving/Change		
Performed system software maintenance and troubleshooting of the service bureau's IBM S370/168, S360/50, ITEL AS/6, AS/4, and three S360/65s, all running COMNET's highly modified MVT/HASP/RJE with ALPHA, COMNET's proprietary alternative to TSO, conversation batch jobs, and proprietary security software based on SHARE requirements that resulted in RACF. All systems were loosely coupled with CTCAs and shared disk/tape. Performed extensive system dump analysis, troubleshooting of abnormal system states, and software maintenance including an I/O GEN and developing several enhancements to UCC-1, HASP, and ALPHA.							[confidential]		

From	May 1977	To	Nov 1977	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Binary Associates			Telephone	N/A				
Address	[defunct]								
Position	Partner			Supervisors	N/A				
Description of Duties							Reason For Leaving/Change		
Performed facilities management for the Sun Life Insurance Company of Maryland in Baltimore for an HP 3000 with the APL microcode running MPE II and the APL interpretive compiler. Supervised the machine's installation, developed and documented operational procedures, handled daily operations, provided technical support to a sophisticated user community of actuaries and estate planners, interfaced with vendors on technical issues, and performed troubleshooting of abnormal system states. Wrote a program in ALC using PIOCS on an IBM S370/145 running DOS/VSE/POWER to feed HP print files dumped to tape to be printed on the IBM.							[confidential]		
Classes While Employed By Binary Associates									
Start	End	Duration	Subject	Institution	Location				
Jul 1977	Jul 1977	1 week	MPE-II Special Capabilities	HP Training Center	Rockville, MD				
Jul 1977	Jul 1977	1 week	Systems Programming Language	HP Training Center	Rockville, MD				

From	Oct 1975	To	May 1977	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Planning Research Corp.			Telephone	(703) 556-1500				
Address	1500 Planning Research Drive, McLean, VA, 22102								
Position	Systems Programmer			Supervisors	Bill Gittins, Moshe Abarbanel				
Description of Duties							Reason For Leaving/Change		
Oct 1976-May 1977: Performed systems programming for the NASA Goddard Space Flight Center Management Systems Office in Greenbelt, MD supporting a S360/50 system running MVT/HASP/RJE/TSO. Installed TMS (UCC-1), wrote several utility programs in ALC, and performed system troubleshooting and maintenance.							[confidential]		
Mar 1976-Oct 1976: Ported COBOL and FORTRAN applications from a Xerox Sigma to the PRC service bureau's S370/155 system running MVT/HASP/RJE/TSO for the National Education Computer Center, Inc. in Washington, DC, including supervising two programmer trainees.							[confidential]		
Oct 1975-Feb 1976: Ported applications written in ALC from an RCA Spectra to an IBM S370/158 running OS/SVS/HASP/TSO for the Marriott Corp. in Bethesda, MD.							[confidential]		

From	Sep 1974	To	Oct 1975	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Computer Data Systems, Inc.					Telephone	(301) 921-7000		
Address	1 Curie Court, Rockville, MD, 20852								
Position	Member of the Technical Staff				Supervisors	John Samuel			
Description of Duties								Reason For Leaving/Change	
Feb 1975-Oct 1975: Served as lead technician on a project for the National Credit Union Administration written in COBOL on the DOJ S370/155 running MVT/HASP/RJE.								[confidential]	
Sep 1974-Jan 1975: Developed two programs in ALC to analyze census data on an IBM S370/145 running DOS/VSE/POWER.								[confidential]	

From	Nov 1972	To	Sep 1974	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Planning Research Corp.					Telephone	(703) 556-1500		
Address	1500 Planning Research Drive, McLean, VA, 22102								
Position	Operator, Shift Supervisor				Supervisors	Don Pfalgraf, Mike Putro			
Description of Duties								Reason For Leaving/Change	
Started as an operator trainee on a IBM S370/155 (non-DAT) running MVT/HASP/RJE/TSO for PRC's commercial service bureau. Promoted to supervisor after 10 months overseeing the complex of four different business operations and a staff of 17 operators and production control specialists.								[confidential]	

From	Jul 1972	To	Aug 1972	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Employer									
Name	Analysis and Programming Corp.					Telephone	N/A		
Address	[defunct]								
Position	Operator				Supervisors	Mike Miller			
Description of Duties								Reason For Leaving/Change	
3 rd shift operation of batch processing DOS system running on an IBM S360/30 under school work/study program.								[confidential]	

From	Mar 1972	To	Nov 1972	Start	N/A	Finish	N/A	Last Increase	N/A
Computer School									
Name	Computer Learning Center, Inc.					Telephone	(703) 359-9333		
Address	[closed, records not available, but I have my diploma] Seven Corners, VA								
Position	Student				Supervisors	Jess Brown, Special Mentor			
Description of Duties								Reason For Leaving/Change	
From Feb 1972 to Nov 1972, pursued full-time (25 classroom hours weekly) "Computer Programming and Systems Analysis" curriculum including Fundamentals, COBOL, FORTRAN, Assembler, and Systems Analysis (served as team lead). Produced a portfolio of complete documentation for all projects. Devised and produced an Honors project that re-invented infinite precision to calculate the value of e out to 100 decimal places. All work was performed on the school's IBM S/360 Model 22 which ran DOS in 16 KB of core memory. Also took extracurricular instruction and became authorized to operate the computer and the Model 029 card punches. When not working at APC, came in at 11 PM when the night school closed to run through all the backlog, then use the facilities for my own learning tasks. I also tutored a couple of my fellow students who also graduated.								Graduated, Technical Degree with Honors, 4.0 GPA.	

From	Dec 1967	To	Feb 1972	Start	[confidential]	Finish	[confidential]	Last Increase	[confidential]
Poorly Compensated Period									
For 51 months, pursued several unsatisfactory jobs including serving as a live-in housekeeper, working in a factory, driving a taxicab, laboring in a landscaping business, and working as an auto mechanic.									

From	Sep 1967	To	Dec 1967	Start	N/A	Finish	N/A	Last Increase	N/A
School									
Name	Montgomery College					Telephone	(301) 279-5000		
Address	51 Mannakee Street, Rockville, MD, 20850								
Position	Student				Supervisors	N/A			
Description of Duties								Reason For Leaving/Change	
Studied as a full-time student in a Music Performance curriculum as a voice major leading to an Associate of Arts degree.								Dropped out after losing motivation.	

From	Sep 1964	To	Jun 1967	Start	N/A	Finish	N/A	Last Increase	N/A
School									
Name	Walt Whitman Senior High School					Telephone	(301) 320-6600		
Address	7100 Whittier Blvd., Bethesda, MD, 20817								
Position	Student				Supervisors	N/A			
Description of Duties								Reason For Leaving/Change	
Studied as a full-time student in a college preparatory curriculum.								Graduated, Academic Diploma.	