Richard C. Steiner

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Resume Addendum I:

Major Accomplishments Summary

VENTURI TECHNOLOGY PARTNERS, Golden Valley, MN   2002 - 2003
Consultant/Contract Programmer at Viracon, Inc., in Owatonna MN

- Wrote a number of online transactions, report-generation programs, and utility programs to assist Viracon in its functional transition from the A-series mainframe to their new Windows-based VIPER system.
- Introduced the use of Windows 2000/XP FTP client to save paper when viewing printouts/reports, and introduced a DOS-based file compare tool for obtaining quick source file comparisons.

NORTHWEST AIRLINES, INC., Eagan, MN   1993 - 2002
Applications Developer, WorldFlight   **(2001 - 2002)**

- Designed and coded a Fortran source file analysis and auto-editing utility, an improved version of my octal trace file formatter/decoder, and a Fortran source file reformatting utility, saving other programmers time and effort by making large programs easier to modify and octal dumps and older source easier to read.
- Represented WorldFlight application area as part of IS department-wide testing standards creation team.
- Maintained and enhanced WorldFlight intranet web site.

Senior Applications Analyst, WorldFlight   **(1998 - 2001)**

- Designed and implemented new system-wide real-time WorldFlight error logging facility and database, along with associated display/search tools, error dump decoding software, and statistical reporting tools. This replaced an error printer and greatly increased programmer productivity when investigating errors.
- Took initiative to learn C, Solaris development tools, and Sybase, and wrote code to fix problems in the Ops Database (a set of daemons running under Solaris and using Attachmate's PEP and Sybase CT-Lib).
- Created new front-end and message parsing and translation code for the WorldFlight surface weather system, allowing it to accept real-time weather data via Tuxedo using Open/OLTP (Tuxedo-compatible subsystem for OS2200), and to accept the new weather bulletin formats from the National Weather Service.
- Was one of three programmers in WorldFlight responsible for approving production program loads and software changes, and shared responsibility for acting as primary contact point (WFLTSAM) for support.
- Represented WorldFlight application area on IS-wide program load procedures creation committee.
- Designed, implemented, and maintained WorldFlight informational web site on NWA corporate intranet.

Applications Analyst, WorldFlight   **(1995 - 1998)**

- Designed and developed half of WorldFlight "FLEX Thrust" system, providing a significant savings by reducing engine wear and decreasing fuel usage at takeoff for all aircraft.
- Designed and coded project status utility which helped programmers detect and resolve coding conflicts.
- Rewrote system-wide multi-page screen display routine for WorldFlight, improving the flexibility and efficiency of several hundred different application displays across all application areas.
- Spearheaded conversion of mainframe-based documentation to newer PC-based format, designed document specifications, and acted as liaison with external vendor.

Senior Applications Associate, WorldFlight   **(1993 - 1995)**

- Did research into feasibility of doing conversion between older and newer FORTRAN versions
- Introduced several new programming tools to the team and enhanced/supported them for the group.

UNISYS CORPORATION, Eagan, MN   1988 - 1993

Systems Programmer (Gr. 9), Unisys Airline Development/Support Center   **(1992 - 1993)**

- Introduced new online messaging forum facility to the Airline Center as part of quality initiative with the intent to increase communication between different programming groups, and also helped administrate.

Systems Programmer (Gr. 9), Unisys Airline Development/Support Center   **(1991 - 1992)**
Assoc. Systems Programmer (Gr. 7), Unisys Airline Development/Support Center   **(1990 - 1991)**

- Introduced new OS2200 command shell (CSHELL) to the Airline Center.

Analyst Systems. Associate (Gr. 7), Complex Systems, On-Site Contractor at NWA   **(1990)**
Associate Systems Analyst (Gr. 5), Complex Systems, On-Site Contractor at NWA   **(1988 - 1990)**

- Did initial code analysis and modification of United Airlines' Surface Weather system for use at NWA.
- Was primary support programmer for the Surface Weather application.
- Rewrote Surface Weather station file integrity program enabling it to fix database problems on the fly.
- Was part of three-person team that ported NWA's industry-leading automatic Turbulence Plot weather alerting system to WorldFlight.

Professional Development

- Completed online coursework (provided by NWA) on C, Solaris, Sybase, T-SQL, and CT-Lib, and helped to provide support for a set od daemons running in Solaris which accepted real-time data from WorldFlight.

- Completed formal classroom training on Tuxedo, Unisys TIP and HVTIP, and SQL in COBOL/FORTRAN.

- Completed college coursework in Unix (SVR4.3) system administration.

- Over a decade of experience providing PC technical support on various online messaging forums such as the RIME and FidoNet BBS networks, technical forums on AOL and Delphi, and USENET newsgroups on the internet. Areas of expertise include purchasing, building, and maintaining PC hardware, installing DOS, Windows, OS/2, and Linux, basic network configuration, basic file server (NFS, CIFS, Samba) installation and configuration, and various applications and utilities.

- Two published articles: a review of the NFTP client for OS/2 in the VOICE Newsletter, January 1999, and an overview of virtual desktop utilities in the Phoenix OS/2 Society's Extended Attributes newsletter in December 1999.

Formal Awards

- "NWA Excellence Award", 1996, for work on the Flex Thrust Project in WorldFlight.

- "NWA Certificate of Commendation", 1997, for project status utility written for the WorldFlight team.

- "NWA Team Excellence Award", 1998, presented to all members of the WorldFlight team.