Hans-Christoph Steiner

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Objective

To find unique and challenging projects where I can apply my diverse skill set while further developing my knowledge, especially while working in the intersection of multiple disciplines.

Full Time Experience

Integrated Digital Media Institute, Polytechnic Institute Brooklyn

Technical Director   2006-02→present
- built network infrastructure to enable community building
- helped design new undergraduate digital media curriculum
- organized and aided various events and conferences

Artist, Researcher, and Programmer (self-employed)   2001-04→present
- programmed and built numerous art pieces and projects
- taught workshops and gave lectures
- developed free software for media arts
- helped non-profit organizations streamline using free software

Razorfish New York City

Audio Designer   2000-04→2001-04
- Wrote branding music and all interface sounds for the 3Com Audrey network appliance.
- Created coherent interface audio for web sites and network appliances.
- Provided advice and direction on the future of interface audio, with a focus on mobile devices.

Network Manager   1998-07→2000-04
- Designed and implemented a Solaris/SPARC 400GB file server with over 500 PC/Mac/UNIX users.
- Designed and implemented network expansion to support 450 users and 4 inter-connected offices.
- Designed and implemented a 15 office worldwide VPN, NT Domain Trusts, and ActiveDirectory.
- Designed and managed construction of a new server room.
- Managed a team of up to 5 Systems Administrators.

Systems Administrator   1997-12→1998-07
- Automated many reporting and maintenance tasks.
- Built and upgraded PC, SGI, IBM RS/6000, and Sun servers.
- Aided Oracle installs and performance tuning.

Merrill Lynch New York City

IS Consultant   1997-02→1997-06
- Established a new helpdesk for the department.
- Assisted in the planning and completion of a rollout of about 150 new computers.
- Aided in departmental transition to an all-Windows NT environment.

Ogilvy & Mather New York City

IS Consultant   1996-09→1996-12
- Managed file server and email backups.
- Assisted in new router and hub setup.
- Setup and installed 40 new PC's.

Bard College Annandale, NY

Radio Station Engineer   1992-08→1996-05
- Reinstated and maintained the college radio station.
- Installed new equipment and fixed broken equipment.
- Helped with planning program schedule.

Selected Freelance Experience

Skidmore, Owings & Merrill LLP (with Scott Fitzgerald)　　　2006-03→2006-08
　Implemented control system for cafeteria with LED-paneled walls and ceiling.

Madagascar Institute / Robodock　　　2005-09
　Engineered and built moving mechanism for jet-powered fish-skeleton that you can ride.

Robert Whitman Local Report (with Shawn Van Every)　　　2005-06→2005-12
　Designed and implemented interactive call-in phone system.
　Consulted on audio and network setup.

G.H. Hovagimyan　　　2005-06→2006-03
　Implemented automated High-Definition video screening system.

Amorphic Robot Works　　　2001-09→present
　Aided with fabrication of sculptural and robotic elements. Programmed robots to be interactive.

Hidden Villa　　　2000-01→2001-12
　Consulted on network/server design and problems.

Tablet, Inc.　　　2000-11
　Consulted on network/VPN setup, investigated break-in, performed security audit.

Skills

Information Technology
- Mac OS 9/X, RedHat / Debian Linux, Windows 9X/NT/2k/XP, Solaris, FreeBSD, IRIX, NeXTSTEP
- Extensive PC, Sun, SGI, and Mac hardware installation and troubleshooting experience
- Experience with IBM RS/6000 and HP PA/RISC hardware installation and troubleshooting
- Specialize in cross- and multi-platform inter-operability
- Legato Networker, IBM Websphere, Netscape Enterprise Server, Cold Fusion
- Samba, Apache, DHCP, BIND, DNS, Sendmail, Postfix, CVS, Kerberos, LDAP
- IIS, MS DNS, Active Directory, Microsoft Exchange
- MySQL, PostgreSQL, Oracle, Microsoft SQL Server

Programming
- Programmed with Max/MSP, SuperCollider, C++, Smalltalk, Lisp, PHP, sh, and csh.
- Completed projects with Pd, C, Java, Objective-C, and Perl

Audio and Media
- Strong knowledge of using sound in interactive environments.
- Knowledgeable in interface audio design and audio for usability improvement.
- Proficient in Pd, Audacity, Sound Forge, Csound, MusicKit
- Experience with Pro Tools, Cubase, VST Instruments, WaveLab, Granulab,Final Cut Pro
- Knowledgeable in analog recording and engineering; experience with MIDI synths.
- Created projects using the Asterisk PBX phone system.

Communication
- Clear and concise announcements and communications.
- Grant and proposal writing experience.
- Conversational in German.

Education

- M.P.S. from New York University's Interactive Telecommunications Program, May 2005
- B.A. in music from Bard College, Annandale, NY in May 1996, specializing in computer music
- Computer Music Workshop at Stanford's CCRMA, 1995
- Two years of Advanced German at NYU's Continuing Studies program, 1999-2001
- Intensive German Course at Universität Wien, 2001