

(518) 496-0343

webmaster@nanovox.com

Steven P. Kiehl

523 Randall Road
Ballston Spa, NY 12020

<http://www.nanovox.com/~steve/>

Objectives

A position utilizing and expanding my skills by applying new computer technologies. Further develop skills in the area of software and technology, web/graphic design, and/or research development. Broaden language skills in other business fields.

Computer Skills

Programming: PHP, Perl, ColdFusion 7, JavaScript, HTML/CSS/XML, C/C++, MySQL/Postgres/MSSQL, Java, Visual Basic. OOP, MVC, Shell Scripting, OpenGL, Kernel Programming.

Software: Apache (1.3/2) HTTP Server, MySQL (4/5) and MSSQL (2000/2005) Server, MS IIS, Macromedia Suite, MS Office 1995-2003, 3-D Studio Max, Blender, Micrografx Picture Publisher, Adobe Photoshop, Netscape Navigator, MS Internet Explorer, Mozilla, Opera, VMWare, and much more.

Operating Systems: Linux (Ubuntu, RedHat/Fedora, Debian, Minix), Unix, Solaris, Windows 1.0-Vista, Mac OSX, DOS 3 and Up, and some OS/2.

Hardware: Built and repaired numerous x86 architecture systems and worked on some sparc systems. x86 systems ranged from 8086 to Pentium 4 systems.

Experience

Web Developer (11/2007-Present)

Under contract to MediaLogic, Albany, NY 12205

- Developed turnkey Facebook application as a market to enhance interaction within a community
 - Implemented and adjusted designs into functional web and email templates for numerous clients
- Technologies used: PHP, HTML, Coldfusion, Apache, MySQL, Subversion, Dreamweaver, Photoshop.*

Software Engineer (11/2006-8/2007)

COREsense Inc., Saratoga Spings, NY 12866

- Application and architecture development on flagship multi-channel retail management service.
- Project focused in areas like reporting, accounting, pricing models, and robust template evaluation engine.
- Gained experience in a high-paced, accountable, growth-oriented environment.

Technologies used: PHP, MySQL, xDebug and Profiling, Linux, Eclipse, HTML, XML, SOAP, OOP/MVC, Bizarre.

Web Programmer/Systems Administrator (9/2004-11/2006)

Mountain Media, Saratoga Spings, NY 12866.

- Transitional application development, in a FAMP environment, on a robust eCommerce and brochure platform including catalog and content management, online checkout system, email marketing and order fulfillment.
- Custom application specification, planning, development and maintenance. Developments in areas like data gathering, parsing and analysis. Primarily in PHP and Coldfusion.
- Server and network administration and 24/7 on-call duties to maintain over 20 servers in a mixed environment.
- Server requirements gathering, configuration and installation.
- Data backup and recovery planning, using tools like cygwin, snapshot and rsync utilities, perl applications, and server scripts for complete automation.

Technologies used: PHP, Perl, Coldfusion, MySQL and MSSQL, dBase2/ODBC, SOAP, XML, HTML, Linux, FreeBSD, Windows 2000 and 2003 server, Cisco router and firewalls, Subversion, Eclipse, Photoshop.

Programming Manager (8/2003-1/2004)

We Build Pages, Ballston Spa, NY.

- eCommerce customization and data-driven website development in PHP and Perl.
- HTML and graphic design implementation, search engine marketing and optimization for multiple clients.
- Debugging hosting and website issues, and code cleaning to improve search engine uptake.

Technologies used: PHP, Perl, HTML, osCommerce, Photoshop.

Virtual Reality Wheelchair Simulator Project (9/2002-5/2003)

Clarkson University, Potsdam, NY.

- Developed desktop application for *graphical design and world building to assist creation of a viable virtual environment for testing.*

- *Assisted in software development of a VR wheelchair simulator attached to a hydrolic platform and sensory gathering devices.*

Technologies used: C++, Java, JNI, Java3D, OpenGL, VRML, InterTrax head tracking, CyberWorld HMD.

Inter/Intranet Development Engineer (6/2000-8/2001)

Ge Power Systems/Distributed Power, Schenectady, NY.

- Designed and implemented websites and templates for various departments.

- Monitored servers and assisted server technology development in areas such as Windows clustering.

- Developed workflow tools and website clean-up applications.

Technologies used: Visual Basic, HTML, ASP, Windows 2000 and NT servers, MS Office.

Unwords.com (2/2001-Present)

Ongoing personal project

- Developed a web-based dictionary application to collect and display neologisms and create an on-line community of language enthusiasts.

- Published a printed collection of choice words from the dictionary through work with Marion Street Press in Chicago.

- Received a radio interview and numerous mentions across multiple medias spanning many interests including usage in language coursework, on-line communities, news, print and radio materials.

Technologies used: PHP, Perl, HTML, XML, RSS, Apache HTTPd and Lucene, MySQL, PostgreSQL, Photoshop.

Computer Technician (6/1999-8/1999)

Brande Olde PC's, Ballston Spa, NY.

- Provided technical support and servicing of software and hardware systems for clients.

- Assisted in research and documentation of hardware and software technologies like software RAID systems.

Technologies used: Windows and Linux, SCSI and RAID, variety of computer hardware environments.

Education

Bachelor of Science in Computer Science. Minor in Psychology.

Clarkson University, Potsdam, NY. Class of 2003.

- Great acknowledgement for the VR Wheelchair Simulator Project (2002 - 2003)

- Dean's List (Fall 2002)

- Intersarsity Christian Fellowship Technical Leader. (2002)

- Nominated for the Honors Program for excellence in introductory courses. (2000)

Projects

Unwords.com: Ongoing project since 2001 developing an online dictionary of made up words contributed by people from around the world. Countless mentions across the web and on radio, live radio interview, published paperback dictionary.

VR Wheelchair Simulator and World Builder: Was part of the ongoing research project at Clarkson University to develop a simulator and platform to train people on using an electric wheelchair. Worked to develop an easily manipulated 3-D world building tool to assist in creating a virtual environment within which the wheelchair could interact. (Java, Java3D API, C++, OpenGL)

Linux Kernel Scheduler: Redesigned the Linux kernel to schedule processes on the CPU per-user rather than per-process. (C, Kernel extentions)

Interests & Hobbies

Composing music. Managing web sites (Nanovox.com, Unwords.com). Cross-country skiing, camping, biking, hiking, running, frisbee, blogging, and swimming. Collecting computer parts, stamps, coins, and comics.

References**Jenny McKenna**

IS Dept. Coord., MediaLogic, Inc.
1 Park Place
Albany, NY 12205
(518) 456-3015

Jeremy Messenger

Coworker, CORESense Inc.
(518) 265-2379

Scott Fultz

CTO, Mountain Media
28 Clinton Street, Ste 1
Saratoga Springs, NY 12866
(518) 583-0300

Devin Hayes

8020 Publishing
199 Fremont St., 12th Floor
San Francisco, CA, 94105
(925) 719-1748
