

## Kenneth W Kistler

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{ additional contact information available upon request }

### Education

*University of Nevada, Las Vegas ... May 2007*

B.S. in Computer Engineering with emphasis on Software Systems and minor in Computer Science.

### Capabilities

- Programmed in C, C++, Ruby, PHP, Perl, Expect, and various forms of assembler.
- Developed and maintained web applications in Ruby on Rails, PHP, and Perl.
- Documented my web applications for end users, supervisors, and administrators.
- Installed, customized, and maintained various open-source software packages.
- Administered machines running Mac OS X, Debian Linux, and OpenBSD.
- Administered Apache web servers on Debian Linux and OpenBSD.
- Administered a Mysql database and wrote SQL queries in various languages.
- Familiar with modern iterative and incremental software development practices, The Unified Process, and Agile Methods.
- Experience with web design and hand coding in HTML, CSS, and Javascript.
- Experience with graphic design and Adobe Photoshop and Illustrator.
- Experience teaching technology and technical topics in understandable language.
- Familiar with circuit design, breadboard assembly, circuit board soldering, designing systems with microcontrollers, FPGA system design, circuit simulation using PSPICE, and circuit layout using Magic.

### Project Experience

*Autonomous GPS Navigation System ... September 2003 - May 2004*

Worked with another student to create a rudimentary autonomous navigation system using an i-Cybie robot dog as the development platform. We modified an i-Cybie to receive navigation instructions over a serial connection then programmed a Pic microcontroller to interface with a GPS receiver and compass chip and send navigation instructions to the i-Cybie.

*The Math Express website ... Fall 2001*

Collaborated with two other students to create a website to meet the needs of The Math Express tutoring program.

### Work Experience

*UNLV ResNet: Student Analyst ... September 2005 - August 2007*

Developed specialized web applications; set up, customized, and maintained open-source software packages; and performed various system administration and programming tasks.

*UNLV System Computing Resources: Computer Lab Monitor ... January 2003 - May 2006*

Assisted students with computer software and maintained computer lab functionality and security.

*UNLV ResNet: Computer Lab Monitor ... May 2000 - August 2002*

Assisted students with computer software and maintained computer lab functionality and security.

### Interests

Develop and maintain my personal website at <http://www.kenkistler.com> .

Amateur photographer specializing in nature, macros, and abstracts. Concert photography in 2002 and 2003 with some shots published in kludge magazine.

Hobbyist musician specializing in piano composition.

I also enjoy hiking, frisbee, gardening, cooking, reading, and crafts.