

Judy Snow

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Summary:

- Successful leader and innovator who applies the discipline of engineering and the creativity of computer science to help people solve problems in diverse industries.
- Strong technical track record in planning and delivering projects and ensuring customer satisfaction in areas such as software development, technical writing, technical training, and support.

Experience:

Move Right Health (May 2011-March 2013)

Founder, CEO

Founded a company to transform physical therapy by allowing therapists to easily create individually customized exercises for interactive home use.

- Developed a multi-threaded prototype in C# with HTTP connectivity for patient admin and WPF user interface. Integrated with Microsoft SDKs (Kinect, .NET) and open source libraries (emgu). Used github for source control.
- Developed Drupal-based website, added PHP for remote patient administration.
- Co-developed other sensor projects on Android and iOS.
- Created and iterated business plan while working with potential customers.
- Filed 2 non-provisional patent applications and was granted trademarks.
- Wrote marketing materials for patients and physical therapists.

Technical Expressions (1990-present)

Founder

Technical Writer:

Excellent communication skills honed by working closely with engineers and end users, developing user interface and web software, and writing technical documentation.

- *Customers:* AT&T, Bay Networks, Cisco, Limelight Networks, Nortel, Performance Awareness, Applied Product Marketing, nlyte, Think88, TrendMicro
- *Writing types:* API manpages, code samples, developer documentation, hardware and software user manuals, marketing case studies and white papers
- *Topics:* CDNs, cloud computing, data centers, developer networks, error handling and on-line help, performance measurement software, routers and switches, security software, SQL and NoSQL databases
- *Formats:* MS Word, Framemaker, wiki, OpenOffice, Acrobat

Technical Consultant:

Organizational and managerial skills used to lead diverse teams and projects. Developed software and websites, taught software development, demonstrated applications, installed/trained/supported hardware and software.

- *Customers:* AT&T, Bay Networks, Performance Awareness, GDK Consultants, Los Altos School District, Mountain View High School, and several non-profit foundations.

- *Software*: Developed a GUI for software that simulates cooling in a nuclear power plant. Developed and documented an API to manipulate data stored under SYBASE.
- *Elists project*: Co-developed a web-based email list product to enable groups to communicate effectively. Users join or leave groups from the client's website. Increased the number of eLists from 6 to 130 by effectively using evangelism to generate demand. Software written with XML/CSS/PHP/Javascript on a Linux/Apache/qmail/ezmlm server.
- *Training*: Taught UNIX, C/C++, scripting (bsh/awk/sed), GUI design and Oracle/SQL programming classes to corporate clients. Taught MacOS administration and applications to educational institutions.
- *Websites*: Developed and maintained websites for commercial and educational institutions.
- *Project Mgmt*: Estimation, scheduling, and implementation for consulting projects. Planned and supported projects such as Mac computer labs and servers with Cisco/Bay/NetGear wired and wireless networks.
- *Marketing*: Designed and implemented demonstration software for marketing purposes. Developed a (Flash-like) movie under Unix/X-Windows for sales demonstrations of regression test software.
- *Financial*: Developed web interfaces for on-line donations. Tracked, analyzed and presented financial data.

Hewlett-Packard (1988-90) *Technical Consultant, Senior Software Engineer*

Worked with the sales force to evaluate customers' technical needs and respond to RFPs. Presented solutions and demonstrated applications on a network of UNIX workstations. Developed network software for HP/UX and wrote regression test scripts.

Telestream Corporation (1987-88) *Project Leader, Senior Software Engineer*

Wrote embedded system software for a real-time telecommunications computer. Designed and implemented system administration and maintenance tools.

ESL, Inc (1986-87) *Senior Software Engineer*

As a research team member, designed the software architecture for a future distributed defense intelligence system.

Bell Laboratories (1981-86) *Member of Technical Staff*

Developed software for user features, specified file transfer protocols, and designed security mechanisms for object-oriented software for the AT&T System 75 digital PBX.

Education:

Stanford University M.S. Computer Engineering 1982

University of Louisiana – Lafayette B.S. Computer Science 1981

Patents pending:

- Serial number: 13/777,423; filing date: November 19, 2012; Title: Audio Feedback for Medical Conditions.
- Serial number: 13/777,465; filing date: November 28, 2012; Title: Method to Provide Feedback to a Physical Therapy Patient or Athlete.