Daniel S. Keller

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Objective	• Healthcare systems leadership • Apply my clinical training and my high-tech experience • Develop entrepreneurial opportunities; grow new business • Focus on healthcare information technology (HIT) and the electronic health record (EHR)
Skills and Expertise	• Registered Nurse, License #790869 • Business operations, project management, marketing and sales • EHRs: Epic, IDX, Centricity, TeleResults, Practice Partner, others • Technical training development and delivery, instructional design, trainer mentoring • Web site construction and maintenance • Internet service provider (ISP) and site hosting • Wifi network installation and management • Administration of networks and systems (Solaris, Linux, HP-UX, AIX, Windows) • Programming (Javascript, PHP, XSLT, Perl, C, shell, SQL, Fortran, Cobol) • Database design (MySQL, Sybase, Oracle, etc.) • Client account management and nurturing • International business, fluent Italian
Clients	• Apple, Autodesk, Bellsouth, Fireman's Fund, Genentech, Hewlett Packard, Intuit, Schwab, Silicon Graphics, Sun, Texas Instruments, University of California, Wells Fargo, Xilinx, Yahoo!, others. (Complete list.)
Selected Nursing Projects	• 2009-present CEO/Inventor/Founder of Nurse Tech, Inc., a technology startup for NurseMind, an iPhone-based nursing checklist and time management app. Business plan written. Company incorporated. Capital raised. Product developed, beta tested, released. Patented. 10,000 downloads.

- 2005-2006 and 2010 Nursing patient care clinical rotations:

Site	Unit Type	Hours
St. Mary's Hosp., SF	SNF	120
Peninsula Hosp. 7th fl.	med-surg	120
Kaiser, Santa Clara	ICU	15
Kaiser, Santa Clara	oncology	120
UCSF Long Hosp.	peds	135
Peninsula Hosp.	maternity	135
O'Connor Hosp., SJ	telemetry	135
Friendship House, SF	community/rehab	135
VA, Menlo Park	psych	135
Kaiser, SSF	ED (preceptorship)	122

- 2006 Internship with a Hospital Director, Mills-Peninsula Health Services (MPHS), San Mateo, CA. Developed a nursing SBAR form (situation-background-assessment-recommendation) to support nursing communications with MDs and at shift changes. Now standard practice at many hospitals.

- 2005-present Blog on nursing, informatics and healthcare policy

Experience
- 2010 Nursing school (see clinical journal and faculty letters of recommendation)

- 2007-present CEO of Americare Neurosurgery International -- fundraising, equipment donations. Medical mission to Hue, Vietnam. Complex craniotomies and other life-saving procedures. Trained local medical staff.

- 2007 Training Operations Manager at AcademyX

- 2006 Call It Quits (smoking cessation) program leader at MPHS (10 hrs/wk, salaried). Our success rate was 25%, double the industry average.

- 2004 Started Wifi-Italia to build and operate Italy's first open-access hotspot. Increased sales at the world's second-highest-grossing McDonald's restaurant by 10%.

- 1978-2000 Operated Dan Keller Technical Services, a training/consulting business. Offered thirty web-based

courses. Presentations at technical conferences and trade shows. Developed a proprietary and industry-leading train-the-trainer system. Employed a stable of instructor/contractors, a programmer and a graphics artist. Annual sales: $.5M. World-class training for Fortune 500 clients. Pioneered the paperless classroom. (Backstory.)

- 1999 Developed the Web's first XML-based training catalog

- 1978-1984 Tech product marketing. Contract programming in Fortran, Cobol, Pascal, SQL, C. (Details.)

Selected Technology Projects

- 2001 Designer: Web site and help system for PopUpCop, the Web's first browser annoyance and security protector.
- 1996 Project leader: Dallas-based Platinum Jack. First web-based clearinghouse for music booking agencies.
- 1995 Project leader: Palo Alto-based HP Labs' IDEA inventory control Web site. Dramatic cost reductions for HP's research division.
- 1992 Programmer: drug discovery data acquisition and reduction for South San Francisco-based Arris Pharmaceutical. Apple Macintosh user interfaces and Sun Microsystems database backends.
- 1991 Programmer: Unix server side of the Savant financial system for Apple Computer in Paris and Cupertino for currency exchange risk management.
- 1986 Programmer: distributed rules-based access control system for Adasoft in Switzerland.
- 1985 Programmer: Key Employee Incentive Program database for Sun in Milpitas, an early success for Sun migrating business processes from IBM mainframes to its own servers.
- 1983 Analyst: data processing requirements for Toronto Western Hospital Department of Pathology.
- 1983 Product developer: Unix server product line for Colex in Hong Kong. As the lowest-cost of its kind, the Colex box was a technical coup.
- 1981 Wrote the medical data capture front end for the clinical trial of Human Growth Hormone, Genentech's (South San Francisco) first blockbuster drug.
- More projects are described here.

Education
- BSN, Samuel Merritt University School of Nursing, San Mateo (2010)
- American Medical Informatics Association (AMIA) 10x10, health informatics (2009)
- Skyline College, San Bruno, undergraduate coursework (2009)
- University of San Francisco School of Nursing, undergraduate, graduate, and clinical coursework (2004-2006)
- City College of San Francisco, biosciences (2003-2005)
- MS, Medical Information Science, University of California, San Francisco (1983) (Description)
- BS, Information Sciences, University of California, Santa Cruz (1978) (Description)
- Dartmouth College, Stanford University, and CCSF: engineering courses
- High schools: St. Stephen's, American Overseas, Notre Dame International. Rome, Italy (1969-1973)

Publications
- "Lists for Nurses", AMIA Student Working Group News, Vol 7, No. 1, April 2010.
- Call It Quits, smoking cessation program workbook, 2006
- Training workbooks: Hands-On XML, Living with Unix and SoftBench (under contract to HP), Unix Software Tools (under contract to Sun), Advanced Web Authoring (under contract to SGI), Using Mosaic, Using Netscape at HP, HTML Authoring for the Web, HTML Part II, CGI Scripting in Perl, Techniques of Instruction, many more
- A Continuing Medical Education Registration System, 8th Annual Conf, Alliance Cont Med Ed, 1983
- Encounter Data System, An Interactive Information System Case Study, Proceedings American Association for Medical Systems & Informatics, 1983

Awards
- 2015 United States Patent 9164656, Graphical Display for Scheduling and Monitoring Tasks
- Cum laude, BSN, Samuel Merritt Univ., 2010
- Humanitarian Assistance to the Medical University of Hue, Vietnam, 2008
- Best Tutorial, 5th Annual World Wide Web Conference (WWW5), Paris, 1996

Volunteer Work 2004-2016	• Project Homeless Connect -- volunteer nursing services at quarterly San Francisco-wide events • Americare Neurosurgery International (CEO) • Alumni Association of UCSF (Secretary/Treasurer) • Graduate Division Alumni Association (GDAA), UCSF (President) • San Mateo County Tobacco Education Coalition • California Pacific Medical Center, Emergency Department • UCSF Medical Records • UCSF Long Hospital • San Francisco HIV/AIDS/HepC Nightline • Glide Health Services • San Francisco General Hospital, Emergency Department • Tobacco Education Center, UCSF Mt. Zion Hospital • The Non-Catholic Cemetery in Rome (system/network admin.) • St. Stephen's School, Rome, Parents' Association • Regular blood donor
Certifications, Memberships	• American Nurses Association (ANA) • ANIA-CARING (Amer. Nursing Informatics Ass'n & Capital Area Roundtable on Informatics in NursinG) • Safety Management & Response Techniques (psychiatric nursing) 2010 • American Medical Informatics Association (AMIA) • San Francisco Bay Area ACM SIG on Human-Computer Interaction (BayCHI) • Advanced Cardiovascular Life Support (ACLS) 2014-2015 • Basic Life Support (BLS) 2010-2015 • San Francisco Neighborhood Emergency Response Team (NERT) • Ham radio licensed (call sign KG6OIE) • Scuba diving certified (NAUI)