Daniel S. Keller

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KEYWORDS

Medical informatics. Healthcare IT. Nursing. Worldwide web. Software development.
Project leadership. Networks. Health and technology education. Silicon Valley entrepreneur.

SUMMARY

Objective: Healthcare systems leadership to apply my clinical training and my tech experience.
History: Established professional with 30+ years of experience running/growing tech businesses.
Proven abilities in visioneering, technology implementation, people management, client relations,
database management, communication, training, and bedside nursing.

EXPERIENCE

2020-2021 – San Mateo County Health Services
Clinical Informatics Nurse Educator: Hired as at-will employee. Completed four assignments:
- Training video and user/reference manual for County's Health Information Exchange (HIE),
  a national initiative.
- Training video and user manuals for a new clinical app developed for internal County use for
  communication among collaborators delivering care for complex patients (homeless,
  incarcerated, etc.)
- Workflow analysis and documentation for ED admissions of patients delivered by ambulance
  and coordinated via software interconnection between EMS laptops and ED EHR
  (State-funded Emergency Medical Services Authority - "Search Alert File Reconcile"
  (EMSA-SAFR) project).
- County Covid vaccination clinic program with software support. Trained as clinic
  Administrator.

2009-2020 -- Nurse Tech, Inc., San Francisco
"NurseMind" time management iPhone app for nurses. 10K downloads so far. Patented.
"NurseAssess" smart note-taker for nurses data capture on-the-fly.
- In-depth nurse user requirements identified and workflow analyzed.
- Business plan written. Capital raised. Corporation founded.
- Managed clinical software development process from conception through release.
- Software products, backend databases, and web sites.

2006-2010 -- Bay Area hospitals and universities Nursing student, now RN
- Classroom work at USF, Samuel Merritt, Skyline, CCSF.
- Clinical rotations at Mills-Peninsula, UCSF, O'Conner, Kaiser SSF and Santa Clara,
  St. Mary's, Veteran's Administration, others.

2005-2006 -- Mills-Peninsula Health Services, San Mateo, California
Smoking Cessation Program Leader
- Counseling, teaching, courseware development, community outreach.
- Success rate of 25% was nearly double the industry standard.

2004-2005 -- Wifi-Italia, Rome, Italy
Wireless networks installation and administration
- Italy's first open-access wifi network.
- Numerous security challenges, no breaches.
- At world's second-highest grossing McDonald's, increased sales by 10%.

1988-2004 -- Dan Keller Technical Services, San Francisco
Technology training and consulting
- Wrote and delivered 30 web-based courses. Industry-leading train-the-trainer system.
- Employed six instructor/contractors, a programmer and a web graphics artist.
- Annual sales: $.5M.
- Pioneered the paperless classroom and the web's first XML-based training catalog.
- Clients: Apple, Autodesk, Bellsouth, Fireman's Fund, Genentech, Hewlett Packard, Intuit, Schwab, Silicon Graphics, Sun Microsystems, Texas Instruments, UCSF, Wells Fargo, Xilinx, Yahoo!, more.

SKILLS

- Bedside nursing, incl. clinical software usage (Epic, IDX, Centricity, TeleResults)
- Business operations; project management; client account management and nurture
- Technical training development and delivery, instructional design, trainer mentoring
- Web site construction and maintenance, Internet service provider (ISP) and site hosting
- Administration of networks and systems, programming, database design

AWARDS AND HONORS

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

PUBLICATIONS

- https://www.nursemind.com
- https://www.nurseassess.com
- https://www.nursetech.com
- Health care technology and policy blog http://www.kellerhealth.com (2005-present)
- Lists for Nurses, *AMIA Student Working Group News* (2010)
- *Call It Quits,* smoking cessation workbook (2006) & site http://www.tobaccoteacher.com
- Courseware: *Hands-On XML, HTML Authoring, CGI Scripting, Tech. of Instruction,* etc. (1990-2000)
- *A Continuing Medical Education Registration System,* Alliance for Continuing Medical Ed. (1983)
- *Encounter Data System,* American Association for Medical Systems and Informatics (1982)

EDUCATION

2010 Samuel Merritt University
- RN/BSN, Nursing clinical rotations

2009 American Medical Informatics Assn
- 10x10 informatics training for clinicians

1983 University of California, San Francisco
- MS, Medical Information Science
- Thesis: *Encounter Data Sys* (working EMR)

1978 University of California, Santa Cruz
- BA, Information Sciences

Site	Unit Type	Hrs
St. Mary's Hosp., SF	SNF	120
Peninsula Hosp.	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	135
VA, Menlo Park	Psych	135
Kaiser, SSF	ED	122

CERTIFICATIONS AND MEMBERSHIPS

- California Registered Nurse, License #790869
- Health Information Management Systems Society (HIMSS)
- American Nursing Informatics Association (ANIA)
- Bay Area ANIA (BANIA – on Board of Directors)
- Safety Management and 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), Basic Life Support (BLS)