

Name: John Snell
Labor Category: Senior Telcom Engineer - Retired
Location: Caldwell, ID
Security Clearance: SECRET

Education:

RCA Electronic Engineer Correspondence Course & FCC 1st Class Radio Telephone Lic. 1968-70
Electronic Technician – 1280 hours, US Coast Guard Training Center Governors Island NY 1970-1971
Electronic Engineering – BS, Brooklyn Polytechnic NY 1973
Electronic Systems – 18 class ‘C’ equipment schools, US Coast Guard 1971 – 1988
Electronic Engineering – Resident Class ‘B’ school, US Navy San Diego, CA – 1978

Certifications:

Systems Administration: CTOS – Unisys Corp - 1990
Database Administration: 80 hours, Progress Corp. – 1992
Windows New Technology (NT): 80 hours, Microsoft Corp/Bellevue CC – 1994
Microsoft Access: 40 hours, Edmonds CC – 1994
UNIX Administration: 80 hours, Nesser & Nesser - 2000

Professional Summary:

From 1970 to 1990 I held a number of positions within the US Coast Guard that dealt with electronic systems installation, troubleshooting and repair. From about 1985 I began focusing on computerized electronics and systems automation, from 1990 to present have worked extensively with business computer systems, systems automation, data acquisition, and information display systems within the government, banking and construction sectors. At the age of 62-1/2, I retired at the end of February 2013.

PROFESSIONAL EXPERIENCE:

03/2013 - Present Retired

Residing in Caldwell, Idaho where I am working on several projects dealing with small arms interior and exterior ballistics. I operate an internet presence at <http://snell.ddns.net>, running OSX, Apache, MySQL, PHP, and Windows 10.

03/2011 – 03/2013

Allied Technology Group, Inc., Virginia Beach, VA
(855) 372-4909 | <http://www.alliedtechgroup.com>

Senior Telcom Engineer

Administer USCG Vessel Traffic System (VTS) Puget Sound. VTS Puget Sound consists of remote sensors: RADAR, Camera, AIS Base Station, Weather Station; and network infrastructure: routers, switches, remote controls, landline and microwave T1 circuits, to connect over a dozen remote sites to the equipment room, populated with: Sun, Dell, and HP computers running UNIX and WINDOWS operating systems that are remotely operated and displayed in the operations center using KVM technology.

12/2007 – 03/2011

Apptis, Inc. Chantilly, VA
Now part of URS Corp as of April, 2011
URS Corporation
100 California Street, Suite 500 San Francisco, CA 94111-4529 (415)774-2700 <http://www.urscorp.com>

Principal Administrator

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01/2002 – 01/2005 - Twin Cedars LLC, Port Orchard, WA

Sold 2005. Now defunct.

Owner and General Manager

Under my direction the company engaged in diverse practices ranging from real estate to wholesale consumer goods to Merchant Mariner career and license consulting. Along with my other duties, I specified, procured, installed administered and maintained hardware and software including all current Microsoft products installed both in-house (servers) and at client locations (workstations) around the Pacific Northwest.

01/2002 – 01/2005 - Twin Cedars Construction LLC Port Orchard, WA

Sold 2005, Now defunct.

Owner

As the company owner I set company direction and policy. As the General Manager I directed personnel, and managed customers and contracts. I conducted board meetings, division meetings, sales meetings, and OSHA safety meetings. I inspected and corrected construction problems on-site. As the IT Manager, I developed and deployed accurate and sophisticated residential construction estimating tools to our sales force, while deploying computers and networks to support multiple offices and mobile sales and construction staff. I was responsible for pre-release software testing, business systems software, enterprise business system resources and services, standardized workstation image management, hosting on multiple servers and selective replication of Exchange public folders between Exchange site servers, security and redundancy, and standardizing software suites between office locations. I provided training to my employees in the use of advanced network capabilities, tools and techniques.

Twin Cedars Construction built homes and commercial structures, specialized in Structured Insulated Pannel (SIP) fabrication.

11/2000 – 06/2002 - Perot Systems Government Services, Fairfax, VA

12404 Park Central Drive, Dallas, TX 75251 (972)340-5000 | <http://www.perotsystems.com>

Senior Network Administrator / Site Manager, Seattle, WA

Site Manager includes all former duties at Soza & Co., Ltd.

06/2000 – 11/2000 - Soza & Co., LTD

Network Administrator / Site Manager, US Coast Guard, Seattle, WA

I provided networking, software, and hardware interfacing for Ice Breaker Science Data Network (SDN) support. I adapted and connected SDN to Science labs and various on-board experiments, while troubleshooting experimental packages and implementations. I developed, deployed, and managed authoring, and administration security for all Coast Guard intranet sites in the Pacific North West. I developed, deployed, and managed sub-webs, and interlocking permissions scheme to support subordinate command web sites.

01/2000 – 06/2000 - Unisys, Blue Bell, PA

Unisys Way, Blue Bell, PA 19424 (215)986-4011 <http://www.unisys.com>

Network Engineer / Site: US Coast Guard, Seattle, WA

Developed and implemented test plans for hardware and software. Tested applications for compatibility with current operating system image. Prepared documentation and published test results. Configured installed networks to emulate various shipboard and Science Data Network (SDN) conditions. Configured hardware/software to emulate Science projects. Utilized SDN signal emulator to test configurations. Administered various operating systems on the SDN.

06/1999 – 01/2000 - IBM, New York, NY

Network Engineer, Washington Mutual Bank, Seattle, WA

I was responsible for packaging software for distribution in mixed OS network. I managed software installation on 1,500 servers and 26,000 workstations using advanced tools like Marimba, troubleshoot and repaired software installation problems, and ensured that all ATM's were up-to-date daily by designing distribution plans. Designed, published, and used installation triggers, maintained record of software dependencies, maintained record of software transmission, installations, and success/failure. I manually performed distribution and installation as necessary.

06/1998 – 06/1999 - Unisys, Blue Bell, PA

Systems Analyst / Site Manager USCG Seattle, WA

I supervised 10 contract analysts, conducted meetings, and coordinated interaction with our USCG customer. I designed, managed and operated the USCG regional Help Desk. I managed network and user base during initial hardware roll out. I managed regional Information Systems Security program. I provided technical documentation of processes and procedures. Developed, managed, and contributed to customer's intranet web site. Developed, documented, and implemented system backup strategy, methodology. While providing extensive training, and troubleshooting assistance.

10/1995 – 06/1996 - R.O.W. Sciences, Inc., Rockville, MD

Hardware Manager, USCG VTS Puget Sound

I was responsible for maintaining an inventory of in place and spare equipment and parts, and configuration of radar and target tracker equipment for remote sensor installations. I installed and maintained servers, workstations, routers, gateways, CSU's, DSU's and other network components. I supervised technicians and assisted with preventative maintenance and repair.

04/1990-10/1995 - Unisys, Blue Bell, PA

Systems Analyst
At US Coast Guard Base Seattle, I installed, and managed CTOS servers and workstations, and provided user training and support. I designed and integrated non-CTOS hardware and software to support the base PX retail sales, and office applications. With my supervisor, we designed and managed first Information Systems Security program in the USCG and implemented it throughout the Pacific Northwest.

04/1970 – 08/1990 - US Coast Guard, Various Locations World Wide

Senior Electronics Technician

Highlights include: Managed telemetry and remote control equipment construction and staging for conversion of all U.S. lighthouses to unmanned operation. Designed and constructed automated large scale integration test equipment (ATE). Designed, constructed, and utilized a large scale anechoic chamber for microwave device calibration and testing. Designed and constructed computer controlled battery quality and capacity test set for lighthouse and UPS

large battery set troubleshooting, repair, certification and QA. Qualified as an Underway 'Officer Of the Deck' (WPB), USCG Law Enforcement Officer (FBI/Secret Service adjunct), member of construction and initial crew of isolated ATLAS LORAN Station, Lampedusa, Italy, Instructor USCG ET-A School.