

Timmy Weichel

12373 Single Oak Pl » Lakeside, CA 92040 » C: 858.254.1755 » tim@timweichel.com » [Schedule an Interview](#)

Resume Addendum

PROFESSIONAL PROGRESSION (Cont.)

Brandes Associates, Inc.

(Full-Time 40hrs/wk) 2011–2015

SYSTEMS ENGINEER AND TECHNICAL PROJECTS LEAD

- As the lead systems engineer, I supported the Advanced Systems Integration and Operations Center (ASIC) at China Lake Naval Air Warfare Center's (NAWC) Weapons Division (WD) System of Systems Development and Integration Division on various programs and projects.
- I supported NAWCWD China Lake Systems Engineering Cyber Team as one of the principal engineers and architects of the team. Responsible for technical planning, cyber lab architecture development, infrastructure deployment, training, and technical coordination with national cyber experts.
- NAWCWD Systems of Systems Development and Integration Division mentor and instructor of government workforce development Cloud Computing effort for 15 lab resident engineers.
- I researched technologies and concepts in high-speed networking, storage, computing, and Cloud Computing support for expanding customer requirements.
- Supported Weapons Systems Center for Integration (WSCI) Lab efforts to include:
 - Information Technology Service Management (ITSM) Governance policy, procedures, and Configuration/Change Management (CM) as the lead. I obtained ITIL Foundation Certification.
 - Supported ongoing National Geospatial-Intelligence Agency (NGA) sponsored programs such as:
 - I led Enterprise Challenge (EC12 thru 14) as core lead engineer on multicast and Full Motion Video (FMV) distribution architecture and systems integration engineering for all exercise-related U.S. (DDTE), CFBL, Coalition (5 Eyes), and COI unclassified networks.

University of San Diego

(Full-Time 40hrs/wk) 2008–2011

SYSTEMS ADMINISTRATOR/IDENTITY MANAGEMENT (IDM) PROJECT LEAD

I was responsible for the project management of the University's IdM effort. I directed all IdM-related functions, support, and future development. Was responsible for identifying requirements, project scope, project plans, and systems development planning to establish a viable Enterprise Identity Lifecycle Management System. Responsible for coordination, scheduling, and leadership to facilitate all technical areas and University department business partners.

I deployed, supported, and marketed SharePoint MOSS 2007/WSS 3.0 implementation from a proof of concept model to a fully supported virtualized enterprise cluster resulting in increased productivity and empowerment of all University staff and faculty.

I maintained a high customer satisfaction rate by providing direct IdM technical and administrative support to University trustees, retirees, alumni, faculty, staff, students, affiliates, and business partners. Ongoing IdM process and technological improvements have resulted in significant reductions in the overall support cost (15%-20%) and increased service levels to ~21,000 customers representing over ~25,000 accounts.

Implemented and maintained a Privileged Password Management (PAM) system, which is responsible for maintaining all enterprise secrets following recognized best practices. This system controls access audits and manages enterprise secrets for ongoing operations and Disaster Recovery (DR) scenarios.

I provided ongoing Red Hat Enterprise Linux (RHEL) and Windows administrator systems. Support includes implementing, integrating, and maintaining a 4-tier virtual/physical Linux OpenLDAP active server cluster and Active Directory (AD) with ADAM servers for schema customization in support of emergent and ongoing IdM requirements, including various university support servers.

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Telos/Xacta

(Full-Time 40hrs/wk) 2006-2007

ENGINEER/PROJECT MANAGER

- › I supported DMS AMHS implementation for various government agencies, including the Department of Defense (DoD), US Air Force, Air National Guard, and US Army.
- › I maintained high customer satisfaction rates by overseeing key engineering and project management initiatives after a personnel shortage, directly correlating with clients and staff to realign efforts and timelines.
- › I provided engineering and training support to multiple DoD and government clients, ensuring the efficiency of the Defense Messaging System (DMS), administration maintenance, and operational readiness.

SYS Technologies

(Full-Time 40hrs/wk) 2002-2006

DIRECTOR

- › Facilitated horizontal institution of all company technologies and strategic partner products and solutions. Researched new technological advances to identify development opportunities. Provided appraisals, including corporate due diligence.
- › Managed a classified, high-speed Asynchronous Transfer Mode (ATM) engineering network over the Defense Research Engineering Network (DREN), providing developmental and exercise networking support for Global Hawk.
- › I designed and developed a new network distribution system to accommodate high-volume data for a US Air Force client, enhancing network capacity and sensor data distribution. I led the systems integration effort with the U.S. Air Force baseline for imagery distribution systems, processing over 2,000,000+ images. Supplied real-world networking support for Global Hawk during operations Enduring Freedom and Iraqi Freedom.
- › In less than 60 days, I led a team that designed and deployed a hybrid CI one-way transfer and wide-band distribution system. This system enabled enhanced data transfer rates and innovative high-availability, multi-domain systems to deliver millions of critical wartime imagery to ongoing exploitation and operational intelligence entities.

LAB MANAGER

- › Supervised the daily operations and ongoing experiments of the SPAWAR System Center Precision Engagement Center of the Future (PECOF), testing Precession Engagement, Tasking, Processing, Exploitation, and Dissemination (TPED), and Time Critical Targeting (TCT).
- › Designed and integrated a groundbreaking Mission Support Center (MSC) for Naval Special Warfare (NSW) to command and control global Navy SEAL operations, creating an initial computer, network, and communication infrastructures.

Jaycor, Inc.

(Full-Time 40hrs/wk) 1999-2002

SYSTEMS ENGINEER/BRANCH MANAGER

- › I led two engineers through customer support and development projects. Significant clients included Space and Naval Warfare (SPAWAR) Systems Center Precision Engagement Center Of the Future (PECOF) laboratory, Global Hawk Program Office, the Naval Special Warfare Group One's (NSWG-1) Mission Support Center (MSC), and the Defense Advanced Research Projects Agency's (DARPA) Crisis Consequence Management Initiative (CCMI) and laboratory.

LAB MANAGER

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California Microwave, Inc. (CMI)

(Full-Time 40hrs/wk) 1996-1998

COMMUNICATION SYSTEMS ENGINEER/EDUCATOR/TECHNICAL MARKETER

- › Supported the US Air Force's Stand Alone Message Processing System (STAMPS), the U.S. Army's Consolidated ASAS Message Processing System (CAMPS), Flyaway Message Switch Systems (FMSS), the Special Forces Base Station (SFBS), and the Communication Gateways System (CGS).
- › I functioned as a network administrator for a heterogeneous environment, including Windows, UNIX, NetWare, and TCP/IP.
- › Served an integral role in engineering the CGS-2000 messaging system, replacing the Pentagon's communications systems to encompass Gate Guard, Sara, Dina, and TTY messaging applications.

NAVY EXPERIENCE

(Full-Time 40+hrs/wk) 1985-1996

U.S. Submarine Force and Naval Special Forces

Qualified Submarine First Class Radioman (RM1/SS)

- › I departed the U.S. Navy with honor, obtaining the rank of a First-Class Radioman (Submarines).

RDT&E Director/ADP Security Officer/Leading Petty Officer, Naval Special Warfare Group One (NSWG-1), Mobile Communications Team (MCT), United States Navy

- › I served as LPO of NSWG-1 MCT, handling daily operations through worldwide operations and exercise support. I led the administration, training, qualification, security, deployment, and redeployment of over 45 military communication personnel.
- › I founded NSWG-1's Communications Research Development Test and Evaluation (RDT&E) team. I conceived and designed the Naval Special Warfare Information Exchange Subsystem (NSWIXS), a network-based communications system that integrated tactical and strategic special warfare communications. These accomplishments were foundational capabilities of the Mission Support Center (MSC), Special Forces Base Station (SFBS), and other communications advancements to the modern Special Warfare capabilities.
- › I served as a technical liaison between NSWG-1 RDT&E and academic, civilian, and military research counterparts, including Johns Hopkins University's Applied Physics Laboratory (JHUAPL), Naval Research Laboratory (NRL), Defense Information Systems Agency (DISA), Joint Interoperability Test Center (JITC), and NAVY Tactical Exploitation of National Capabilities (TENCAP).
- › I conducted Special operations aboard U.S. submarines, ships, aircraft, and small crafts within CONUS and abroad.
- › I received the **Naval Achievement Medal** (Gold Star in lieu of Second Award) as Communications Officer Commander, Naval Special Warfare Task Unit Kamehameha, and supervisor for the development and integration of the NSWIXS during exercise Tandem Thrust 95.

Submarine Cryptographic Technician/Operator/Communication Supervisor, USS Silversides (SSN-679)

- › I qualified in submarines while a crew member aboard the USS Silversides (SSN-679).

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- I served as the USS Silversides crypto technician. I received the **Navy Achievement Medal** for my training efforts aboard the USS Silversides (SSN-679).
- I developed an intensive training program, providing communication watch standers the tools to learn the skills required to become an effective submarine communications team. The communications division's training, dedication, and hard work earned the Communications Green "C" excellence award for the Silversides (SSN-679).

AWARDS

- Navy Achievement Medal
- Navy Achievement Medal (Gold Star in lieu of Second Award)
- United States Atlantic Fleet Headquarters Commander in Chief Letter of Commendation
- Commander Submarine Group TWO Citation
- Commander Submarine Group SIX Citation
- Commander Submarine Squadron SIX Citation
- Commanding Officer USS Silversides (SSN-679) Citation
- Commander, Naval Special Warfare Group ONE Letter of Commendation
- Joint Force Air Component Commander JEFX 2000 U.S. Air Force Certificate of Recognition

ADDITIONAL EXPERIENCE AND TRAINING

- Impervious Technologies, LLC Cyber Security Trainings (Course Development and Instructor)
 - **Security Fundamentals** - 10 Part End User Cyber Security Fundamentals training.
 - **Team Training** - Impervious Systems and Process Series - Document Management, Service Support, Web Services, E-Commerce, KeyPass+ Dropbox and LastPass, Proper Permalink structure training
 - **Webinars** - The Truth about Cyber Security and SMBs, Ransomware - The Global Menace You Can Survive, Physical and Browser Security, Mobile Workforce - Protection Beyond Your Office
 - All webinars are **HR Certification Institute®** (HRCI) Certified
- Mantix-4 Cyber Threat Hunting Platform Training (Course Development and Instructor)
- Infocyte Hunt - Threat Hunting Capability
- NAWCWD Cyber Risk Assessments (Engineering 8 Hour, Administrative 4 Hour) Courses (Course Development and Instructor)
- NAVAIR Cyber Security 101 Fundamentals (6 Hour) Course (Instructor)
- NAWCWD Cloud Computing Engineering 12 Session Course (Course Development Team and Instructor)
 - (NAWCWD Video Series Produced)