

Summary of Experience:	Educator, higher education administrator, manager, information technology/cybersecurity professional, trainer, & consultant. Broad experience and education in computer systems including UNIX, Linux, Windows 8/10/11, iOS, and Amiga systems; extensive computer graphics experience. Designed and manage ABET-accredited undergraduate and graduate university curricula in Information Technology & Cybersecurity. Internet/World Wide Web pioneer—established, maintained and managed extensive multiple Web sites dating back to 1994. Teach courses in cybersecurity management, systems and system integration, and legal and ethical issues in information technology. Formal Navy training and experience in cybersecurity. Director of I.T. for university college and campus responsible for all information technology functions. Manager of Client Services for university central computing operation. Director of Operations for a Navy aviation unit with over one million dollar annual operating budget and over 130 million dollars in operating equipment with 40 officers and 30 enlisted personnel under my supervision. 28 years IT management experience, 30 years of university teaching, and 21 years of service in the U.S. Navy.
Strengths:	Broad, varied educational, managerial and technical experience; flexibility; integrity; a superb writer. Experienced, skilled, effective educator. Clear understanding of information technology coupled with strong leadership and management skills.
Education:	Illinois Institute of Technology (IIT), <i>Ph.D. Studies in Technical Communication</i> and <i>Ph.D. Studies in Computer Science</i> Naval Postgraduate School, <i>Diploma, Aviation Safety Officer Course</i> , 1990 University of Denver, <i>Master of Science, Systems Management</i> , 1990; focus on Information Systems Management. 4.0 GPA United States Naval Academy, <i>Bachelor of Science</i> , 1977; major: European Studies. Art Director of the campus magazine.
Experience:	United States Navy; Career Naval Officer and Naval Aviator (3500+ hours of flight time); also Anti-Submarine Warfare Pilot, Instructor Pilot, Computer Systems Management Subspecialist, and Information Systems Security Officer.
1992 to present	University educator. Industry Professor of Information Technology and Management at Illinois Institute of Institute of Technology, Chicago, Illinois. As Associate Chair of the Department of Information Technology and Management (ITM), co-founded the department; designed two bachelors', four masters', and one Ph.D. degrees; design and manage curriculum for information technology and cybersecurity undergraduate and graduate degrees; and advise undergraduate and graduate students enrolled in the department. Drafted submissions and guided department through program accreditation by the Computing Accreditation Commission of ABET and designation as a National Center of Academic Excellence in Cyber Defense Education by the National Security Agency and the U.S. Department of Homeland Security. Evaluate and hire non-tenured faculty. Also have held appointments as Adjunct Professor of Public Administration, Adjunct Assistant Professor of Computer Science, Instructor of Business, and Assistant Professor of Naval Science at Illinois Tech. Chair of the Association for Computing Machinery Special Interest Group in Information Technology Education (ACM SIGITE). Commissioner on the ABET Computing Accreditation Commission and ABET Program Evaluation Team Chair. Subcommittee Co-Chair, Illinois Tech Accreditation Committee. Past Chair, Illinois Tech Undergraduate Studies Committee. Past Chair, National Board of Directors of Gamma Nu Eta, the Information Technology Honor Society. Faculty Adviser, Gamma Nu Eta Beta Chapter.
1994 to present	Independent consultant on cybersecurity management and strategy, higher education administration and accreditation, curriculum development, graphics and document design and production, and multimedia applications. Have done original graphic and document design and production and multimedia application design. Developed multimedia technology demonstration and product evaluations for Ameritech. Small business owner; provided online resources for targeted Web development audiences. First webmaster of the United States Naval Academy (USNA); provided Web strategy assistance to USNA Candidate Guidance. Created Web developer curricula accredited by the Association of Internet Professionals Certification Accreditation Council. Founding member of the Council of the World Wide Web Virtual Library. Subject Matter Expert for the Computer Trade Industry Association (CompTIA) i-Net+ examination; i-Net+ Certified.
1999 to 2016	Director of Information Technology for Illinois Tech's School of Applied Technology, and Assistant Director for Information Technology at Illinois Tech's Daniel F. and Ada L. Rice Campus. Responsible for managing staff and assets including all computer laboratories, faculty and staff computer assets, UNIX/Linux/Windows/VMware/XenServer servers, SANs, networks, and multiple Web sites. Daniel F. and Ada L. Rice Campus, Illinois Institute of Technology, Wheaton, Illinois.
1997 to 1999	Manager of Client Services, Computing and Network Services; responsible for managing staff and assets including university Web site, all computer laboratories, Novell networks, and Helpdesk services. Also Adjunct Assistant Professor of Computer Science. Illinois Institute of Technology, Chicago, Illinois.
1995 to 1997	Multimedia Training Specialist; managed Instructional Multimedia Center, conducted faculty training seminars, provided support for university faculty use of multimedia presentation tools and World Wide Web in an instructional environment. Also Adjunct Assistant Professor of Computer Science. Illinois Institute of Technology, Chicago, Illinois.
1992 to 1994	Assistant Professor of Naval Science, Illinois Institute of Technology. Departmental Academic Affairs and Curriculum Coordinator; Departmental Computer Systems Manager. Drafted proposal for departmental portion of \$5 million DOD computer development grant. Member, Illinois Institute of Technology Undergraduate Studies Committee.
1991 to 1992	Director of Operations (Operations Officer) for a 10 aircraft Anti-Submarine Warfare helicopter squadron. Managed over \$130 million worth of aircraft assets with 99.5% utilization of available resources. Acted as Commanding Officer in his absence. Cited with Navy Commendation Medal. Helicopter Anti-Submarine Squadron Light Thirty-Four, Norfolk, Virginia.
1986 to 1991	Officer in Charge of a single aircraft unit operating entirely detached from the parent unit for three six month periods; two periods supporting hydrographic survey operations in Indonesia, and a circumnavigation of South America conducting joint operations with local navies. When not at sea, spent one year as Administrative Officer, Information Systems Manager, Security Officer, and Information Systems Security Officer for a Navy command of 500 personnel; developed a major personnel management database application. Managed and directed Aviation Safety and OSHA programs for two consecutive units resulting in zero aircraft accidents and 50% reduction in workplace injuries. Accomplishments recognized with two Navy Achievement Medals. Helicopter Anti-Submarine Squadron Light Thirty-Four, Norfolk, Virginia and Helicopter Anti-Submarine Squadron Light Thirty-One Detachment BRAVO, North Island, California.
1983-1985	Dean of Students (Student Control Officer) for Navy Advanced Undergraduate Helicopter Pilot Training; instructed advanced helicopter students in the cockpit and in the classroom. Coordinated all postgraduate assignments; arranged and conducted all graduations; managed student grading standards. Helicopter Training Squadron Eighteen, Milton, Florida.
1980-1983	Anti-Submarine helicopter detachment Operations Officer; Squadron Tactics Officer, Line Division Officer. Helicopter Anti-Submarine Squadron Light Thirty-Five, North Island, California.
Organizations:	Association for Computing Machinery, ABET Computing Accreditation Commission/CSAB, The Internet Society, ISACA, Gamma Nu Eta, Internet Corporation for Assigned Names & Numbers, Naval Helicopter Association.
Additional info:	Available online at http://itm.iit.edu/trygstad/