

Raymond E. Trygstad

800 North Eagle Street • Naperville, Illinois 60563-3028
(630) 778-7443 • trygstad@iit.edu

- Summary of Experience:** Educator, manager, trainer and consultant, Webmaster, multimedia specialist. Broad experience and education in computer systems including Windows XP/Vista/Server 2003/Server 2008, UNIX, Linux, and Amiga systems; extensive computer graphics experience. Designed and manage university undergraduate and graduate curricula in Information Technology & Management. Internet/World Wide Web pioneer—established, maintain and manage extensive multiple Web sites dating back to 1994. Teach courses in multimedia, Web design, information security, operating systems, and operating system virtualization. Formal Navy training and experience in information security. Assistant Director for university campus responsible for all information technology functions. Manager of Client Services for university campus computing operation. Director of Operations for an 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. 11 years university teaching and IT administration. 21 years of service as an officer in the United States Navy.
- Strengths:** Broad, varied educational, managerial and technical experience; flexibility; integrity; superb writing skills. Clear understanding of information technology coupled with strong leadership and management skills.
- Education:** *Ph.D. Candidate in Technical Communication and Ph.D. Studies in Computer Science*, Illinois Institute of Technology (IIT) Naval Postgraduate School, *Diploma, Aviation Safety Officer Course*, 1990
University of Denver, *Master of Science, Systems Management*, 1990; focus on Information Systems Management. 4.0 GPA
United States Naval Academy, *Bachelor of Science*, 1977; major: European Studies. Art Director of the campus magazine.
- Experience:** **United States Navy;** Designated as: Naval Aviator (3500+ hours of flight time), Anti-Submarine Warfare Pilot, Instructor Pilot, Computer Systems Management Subspecialist, Information Systems Security Officer.
- 1992 to present** University educator; as Associate Director for university Information Technology program, designed and manage curriculum for Information Technology & Management undergraduate and graduate degrees; advise undergraduate and graduate students enrolled in the programs through IIT's Center for Professional Development, Daniel F. and Ada L. Rice Campus, Illinois Institute of Technology, Wheaton, Illinois. Evaluate and hire instructors for courses. Wrote and taught Web design and e-commerce courses for IIT's Stuart Graduate School of Business; have also taught Naval Science, Computer Science and Public Administration. Served as a member of the Association of Internet Professionals Certification Accreditation Council. Member, Illinois Institute of Technology Undergraduate Studies Committee.
- 1999 to present** Assistant Director for Information Technology, Daniel F. and Ada L. Rice Campus and Director of Information Technology, Center for Professional Development, Illinois Institute of Technology. Responsible for managing staff and assets including all computer laboratories, faculty and staff computer assets, UNIX/Linux/Windows 2000 servers, networks, and multiple Web sites. Daniel F. and Ada L. Rice Campus, Illinois Institute of Technology, Wheaton, Illinois.
- 1994 to present** Small business owner; provide online resources for targeted Web development audiences and instructional/curricular materials for college and university Web developer courses. Webmaster and independent consultant on Internet strategies, personal computer applications and configuration, information security, graphics and document design and production, curriculum development, and multimedia applications; did original graphic and document design and production and multimedia application design. Developed multimedia technology demonstration and product evaluations for Ameritech. Designed and maintained Web homepages for United States Naval Academy Alumni, Webmaster Sources, and instructional programs at Illinois Institute of Technology. Created Web developer curricula fully accredited by the Association of Internet Professionals Certification Accreditation Council. 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.
- 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. 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, 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 Administrator. 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.
- 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 Administrator, 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.
- 1983-1985** Dean of Students (Student Control Officer) for Navy Advanced Undergraduate Helicopter Pilot Training; instructed advanced helicopter students both in the cockpit and in the classroom. Coordinated all postgraduate assignments; arranged and conducted all graduations; managed student grading standards.
- 1980-1983** Anti-Submarine helicopter detachment Operations Officer; Squadron Tactics Officer, Line Division Officer.
- Organizations:** The Internet Society, the Computer Security Institute, Information Systems Audit and Control Association, the World Wide Web Virtual Library, Internet Corporation for Assigned Names and Numbers, U.S. Naval Institute, Naval Helicopter Association, U.S. Naval Academy Alumni Association.
- Interests:** Sailing, canoeing, computer graphics, music, history, and science fiction.
- Additional Info:** Available online at <http://www.raytrygstad.com/>.