

Dennis Maust
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Currently: <i>Esse quam videri</i> [to be, rather than to seem]. To give back. To pay forward. To pen one thoughtful book. At least one.	
<p>1979 – 1992. Commissioned Officer. Senior Pilot (A-10, T-37). Flight instructor and flight lead (over 2500 hours). Supervisor, administrator, analyst: worldwide locations.</p> <p>Routinely led up to four single-seat fighter jets. Shaped mission scenarios to meet precise ingress, egress, and ordnance delivery parameters.</p> <p>Fostered top guns. Enhanced pilot evaluations. Tutored students, critiquing all flight phases, mission parameters, and target scores. Twice rated best instructor.</p> <p>Led two USAF aircraft accident investigations (both aircraft destroyed). Analyzed wreckage, interviewed witnesses, and ran computer simulations to establish recommendations for preventing similar mishaps and loss of life.</p> <p>Achieved excellent rating for self-initiated safety program involving 120 pilots and 19,000 annual sorties. Scheduled over 700 sorties per month.</p> <p>Developed unique computer model for predicting satellite availability and ground-antenna usage. Provided Air Force Satellite Control Network a tool that more quickly assessed system, command, and control requirements.</p> <p>Co-designed Space Shuttle experiment. Trained astronauts. Planned and advised daily shuttle-crew activities from Houston Mission Control Complex (DOD Flight STS-44).</p> <p>Handpicked to evaluate, rate, and choose the best satellite system proposal from competing contractors. Directed over 30 Defense Department and Federal Aviation Administration personnel to resolve a time-limited, critical satellite issue.</p> <p>Developed requirements and oversaw procurement for five distinct space systems as chief of six-person division. Annually administered more than \$6 million for satellite program planning, R&D, production, and operations.</p> <p>Generated evaluation materials that guided Pentagon staff and Congressional committees to optimize procurement choices for future space systems. Produced, screened, and presented formal briefings to top level decision makers.</p> <p>1992 – 2019. O-4/Major, USAF Ready Reserve.</p>	<p>2012 – Present. Provisional Writer. Independent Consultant. Morgantown, WV.</p> <p>2005 – 2012. Developer. SearchDex, Inc. Dallas.</p> <p>2002 – 2005. Public Programs Manager. Bridwell Library, Southern Methodist University. Dallas.</p> <p>1998 – 2002. Senior Programmer. Averon, Inc. Dallas.</p> <p>1994 – 1998. Systems Engineer. Concise Marketing Solutions. Dallas.</p> <p>1992 – 1994. Executive Assistant. Also, Space, Science, and Technology Research Staff for 1992-1993 Clinton-Gore Presidential Transition Team. Washington, DC.</p> <p>Created/developed client web pages and online applications to optimize search engine results, enhance user experience, and improve conversion rates. Built/maintained web sites for Bridwell Library, Southern Methodist University; Luminator Division of Mark IV Industries (HR management of approx. 300 personnel); and Sport Supply Group (e-commerce).</p> <p>Developed client/server administrator tool for Excel Communications, Inc., to manage user IDs, passwords, security, forms, products, and application options.</p> <p>Developed client/server application for Mary Kay Cosmetics, Ltd., Canada. Enabled senior management to track order fulfillment and enrollment for 16,000+ consultants and over 250,000 customers using real time, relational database tools.</p> <p>Developed specific client/server applications for KFC, Auto Parts Club, Source Services Corporation, American Lighting Association, and Texas Business Magazine. Provided database management, customer support, direct response analysis, periodic/on-demand reporting, and customer-to-store matching (which integrated location proximity algorithms with multiple input argument options).</p> <p>Tools: Java; PostgreSQL; JSON; Flex; HTML; XML; ASP; JavaScript; SAP WebStudio; IBM WebSphere, VisualAge, DB2 and Visual Basic; SPSS; Sybase SQL Anywhere and PowerBuilder; MS SQL Server and Office; dBase; FoxPro; Windows; Adobe PhotoShop; Statgraphics; Quattro Pro; WordPerfect; BASIC; FORTRAN; SAS; SLAM; and InDia.</p>
<p>2015 – present</p> <p>2010 – 2011</p> <p>2008</p> <p>2004</p> <p>1995 – 2005</p> <p>1992</p> <p>1989</p> <p>1986</p> <p>1984 – 1986</p> <p>1984</p> <p>1981</p> <p>1979</p> <p>1975</p> <p>1965 – 1979</p>	<p>Treasurer. Homeowners Association (57-unit subdivision). Morgantown, West Virginia.</p> <p>Master's Essay. <i>The Return of Odysseus: Discovering the Homeric Wisdom of αἴσιμα.</i></p> <p>Master of Arts in Liberal Arts. St. John's College. Santa Fe, New Mexico.</p> <p>Master of Liberal Arts. Southern Methodist University. Dallas, Texas.</p> <p>Treasurer. Homeowners Association (101-unit condominium complex, \$725,000+ budget). Dallas, Texas.</p> <p>Top 25 percent eligible officers. Selected for in-residence Air Command and Staff College. USAF.</p> <p>Master of Science. Space Operations (Statistics, Decision Theory). Air Force Institute of Technology.</p> <p>Distinguished Graduate. University of Southern California Safety Program.</p> <p>Master in Systems Management (completed 18 credit hours with 4.0 GPA). University of Southern California.</p> <p>Outstanding Performer. USAF operational evaluation. Suwon Air Base, Korea.</p> <p>Top Graduate. Pilot Instructor Training. Randolph Air Force Base, Texas.</p> <p>Bachelor of Science. Mathematical Sciences and Operations Research. United States Air Force Academy.</p> <p>Senior Class President. Commencement Speaker. Morgantown High School. Morgantown, West Virginia.</p> <p>Student of piano (10 years) and percussion (11 years).</p>