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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 and T-37). Flight instructor and flight lead (over 2500 hours). Supervisor, administrator, and analyst. Worldwide locations. Routinely led up to four single-seat fighter jets. Shaped mission scenarios to meet precise ingress, egress, and ordnance delivery parameters. Fostered top guns. Enhanced pilot evaluations. Tutored students, critiquing all flight phases, mission parameters, and target scores. Twice rated best instructor. 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. Achieved excellent rating for self-initiated safety program involving 120 pilots and 19,000 annual sorties. Scheduled over 700 sorties per month. 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. Co-designed Space Shuttle experiment. Trained astronauts. Planned and advised daily shuttle-crew activities from Houston Mission Control Complex (DOD Flight STS-44). 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. 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. 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. U.S. Air Force Major, 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. Subdivision Homeowners Association (57 units). 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. Condominium Homeowners Association (101 units, \$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>