

John D. Ruley

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Summary

Over twenty years' experience as a technology writer/editor in freelance and staff positions on projects ranging from reviews, feature articles, columns and white papers to full-length books for both general and academic audiences. Subject matter includes aviation and space, personal computing and information technology.

Skills

Writing, editing (developmental, technical and copy-edit), presentation design, research (on-line and in-person), interviewing (via telephone, Skype, e-mail or in-person). Digital archive design and development. Experienced with small-scale network administration in a Windows environment. Programming in C, BASIC and FORTRAN. Photographer (digital and 35mm film). Familiar with basic techniques of observational astronomy, astrophotography, and remote sensing including image manipulation and analysis. Registered historical researcher at the U.S. National Archives and Library of Congress.

Experience

2015–Present Foresight Science & Technology Hopkinton, MA
[Archivist / Editor](#)

- Developed Hubble Space Telescope Operational History Archive under contract to NASA Goddard Space Flight Center. Digitized 22,000 pages of documents and 80 hours of oral historical interviews. Delivered as a 157 GByte online archive using George Mason University *Omeka* platform with backup on 43 DVDs.

1999–Present Freelance Modesto, CA
[Writer / Columnist](#)

- Contributor to Magazines including *Avionics News*, *Cessna Flyer*, *Piper Flyer*, *Plane & Pilot*, *Pilot Journal*, *Windows IT Pro*, *HP World*, and *The Scientist*. Contributor to web sites including *Astrobiology/Space.com*, *AVWEB.com*, and *BYTE.com*. Multiple contract writing / editing assignments.

2005–2015 Foresight Science & Technology Providence, RI
[Senior Consultant](#)

- Contract writer / researcher on commercialization support contracts for small business innovation research (SBIR) awards from federal agencies including USDA, NIH, DHS and DOE.

1992–1999 CMP Media Manhasset, NY
[Senior Technology Editor / Columnist](#)

- On staff at *WINDOWS Magazine* from launch until the magazine closed. Monthly column, plus reviews and feature copy—print and electronic.

1990–1992 SBO Inc. Carpinteria, CA
[Associate Editor](#)

- News, features, reviews for *OS/2 Magazine*.

1986–1990 Zaphodyne, Inc. Dayton, OH
[President & Chief Programmer](#)

- Founded and operated a software development / consulting firm.

1981–1986 University of Dayton Research Inst. Dayton, OH
[Senior Technician](#)

- Operated & maintained spacecraft environmental test lab.

1978–1980 Applications Research Corp. Dayton, OH
[Junior Research Specialist](#)

- Developed air defense simulation software (part-time position).

1976-1984 269th Combat Comm Sq. Springfield, OH
[Radio Relay Equipment Repairman](#)

- Ohio Air National Guard (part-time position) Honorable Discharge 1985.
Secret Security Clearance from 1976 – 1986

[Education](#)

2004-2010 University of North Dakota Grand Forks, ND
➤ Graduate Student, Space Studies (via Distance Education), 4.0 GPA,
graduation expected summer 2010 with book-length, dissertation-quality
thesis on early U.S. Space Science.

2003-2004 Excelsior College Albany, NY
➤ BS in Physics, 2004 (via Distance Education).

1977-1988 Wright State U. and U. of Dayton Dayton, OH
➤ Undergraduate Study.

1977 Keesler AFB Biloxi, MS
➤ Graduate, USAF basic electronics and wide-band communications
technical schools.

1976 Northeastern HS Springfield, OH
➤ Graduate.

Books

- 2013 Palgrave MacMillan NY City, NY
➤ *Exploring the Solar System: The History and Science of Planetary Exploration* (Contributor)
- 2010 ABC-CLIO Santa Barbara, CA
➤ *Space Exploration and Humanity: A Historical Encyclopedia* (Contributor)
- 1994-1996 John S. Wiley & Sons NY City, NY
➤ *Networking Windows NT* (Principal Author / Editor)
➤ *Networking Windows NT 3.51*
➤ *Networking Windows NT 4.0* (English, Russian, Serbian editions)

Publications

- 1986 National Space Commission Washington, DC
➤ "The Ethics of Manned Space Flight"
- 1986 AIAA/IES/NASA Conference Baltimore, MD
➤ "Mathematical Modeling of Solar Ultraviolet Radiation induced Optical Degradation in Anodized Aluminum".
- 1984 AIAA/IES/NASA Conference Orlando, FL
➤ "The SCEPTRE Facility: Improved Simulation of the Space Environment through the application of Advanced Technology".
- 1984 AIAA Mini-Symposium Fairborn, OH
➤ "Improvements in Solar Simulation through Advanced Technology Optics".
- *Many Magazine Articles since 1990.*

Personal

- Instrument-rated private pilot and volunteer with LIGA International.
➤ Board of Directors, Mission Doctor's Association, 2004—present.
➤ National Association of Science Writers

References

- Available on request.