Jim Royal

My life's work is making complex ideas accessible.

With expertise in technical writing, video production, and web development, I help research and technology teams communicate their work clearly and effectively to non-specialist audiences.

I create engaging stories that inform, educate, and inspire.

Contact Me

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Please see my website or LinkedIn profile for my portfolio and personal recommendations.

Professional Skills

- Technical Writing
- Photography and Videography
- Web Development
- Design and Illustration

Technical Writing

Created written, video, and visual content for over **50 research projects** at Electronic Arts, making cutting-edge technology accessible to a broader audience.

Proofread and helped illustrate dozens of **scientific publications and presentations** at Electronic Arts.

Organized **hands-on training on writing white papers** for research staff at Electronic Arts.

Introduced a new **collaborative documentation workflow** at Silicon Labs using Confluence and Doxygen.

Created **workflows and standards** for Micrium's technical publications, including printed books (FrameMaker) and online content (Confluence).

Edited and published **twelve 1000-page hardcover books** for Micrium software.

Rewrote and refined magazine articles, white papers, and newsletters for Micrium.

Wrote, designed, and illustrated over **three dozen complex technical manuals and online help systems** for Eicon Technology.

Photography and Videography

Produced nearly **50 informational videos** on game technology research at Electronic Arts.

Co-wrote and produced an **eleven-episode video series** (totaling 90 minutes) about kernel-based application programming for Micrium.

Wrote, produced, and performed in a **five-episode video series** explaining the Internet of Things for Micrium.

Wrote, produced, and narrated a **short documentary about astronomical spectroscopy** intended for lay audiences titled *The Rainbow and the Stars*.

Designed and produced innovative **video-based training modules** for Softimage products.

Co-wrote and co-produced a **YouTube series** about living the best life with a chronic illness.

Worked as a freelance photographer, specializing in **portrait and product photography,** as well as event coverage for multiple charities.

Web Development

Designed, built, and published an internal website at Electronic Arts featuring detailed profiles for over **50 research projects and news updates**.

Designed, architected, and built **Micrium's corporate website,** which required custom development for the user registration system and the downloads library.

Designed the information architecture of several high-end corporate websites including **Canada Health Infoway, Reader's Digest Best Health, and Buy Canadian First**.

Designed and built bespoke websites for a wide variety of small organizations while working freelance.

Design and Illustration

Created **technical illustrations** for research papers, presentations, and documentation at Electronic Arts.

Designed a wide range of graphical materials for Micrium, including **catalogs, datasheets, technical schematics, trade show booths, and posters.**

Designed PDF-based tutorials and created **technical illustrations** for several products at Softimage.

Designed **corporate logos** and branding materials for multiple businesses.

Work History

Electronic Arts
Technical Writer / UGX (2025–present)
Content Producer / SEED (2019–2025)

Silicon Labs / Micrium
Educational Media Producer (2018–2019)
Technical Writer / Web Developer / Designer (2009–2018)

Twist Image
Information Architect (2007–2009)

Digital Wind
Owner (2003–2007)

Autodesk
QA Lead for Autodesk Cleaner (2005–2007)

eNGENUITY Technologies
Web Developer (2001–2002)

Softimage
Education Tools Developer (1999–2001)

Eicon Technology
Senior Technical Writer (1993–1999)