

# DAN SULLIVAN

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## SUMMARY

Visual information specialist and systems architect with 25 years of experience making invisible systems visible to diverse audiences. Disciplines span interpretive design, corporate communications, photogrammetry, multimedia production, and applied AI operations. Currently operating a multi-model AI agent crew (Claude Opus/Sonnet/Haiku across six physical stations with git-based persistent state) in daily production, producing original research on session architecture and agent memory continuity.

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## RESEARCH

**The STORY Protocol: A Session Architecture for AI Agent Memory Continuity** — March 2026 Discovered and validated a four-beat session lifecycle protocol through controlled natural experiment. Zero errors with structured alignment phase vs. seven corrections without, same model, tools, and operator. Biological model (mRNA processing), mathematical confirmation (five-framework convergence including Grothendieck motive theory and Freedman compression), and operational validation across multiple models (Opus, Sonnet) and overnight session boundaries. Published at [rspdan.com/research](http://rspdan.com/research).

**NOW ANTHROPOLOGY** — Practice-based research journal, 7 issues — March 2026 Founded and co-authored a research journal documenting findings from daily AI agent operations. Topics include neurodivergent design and knowledge architecture (Pokémon Pedagogy), three-layer archival convergence (NPS + PastPerfect + Pokémon), narrative as computational algorithm (hippocampal encoding), artificial sleep cycles, and heritable cognitive phenotypes. Published at [rspdan.com/journal](http://rspdan.com/journal).

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## PROFESSIONAL EXPERIENCE

**Communications & Systems Coordinator** — Olympic Hiking Company, Port Angeles, WA — 2024–Present Manage internal and external communications for adventure tourism company on the Olympic Peninsula. Design operational dashboards, site bulletins, facility maps, and interpretive materials. Build internal tools using Claude AI to streamline crew coordination, status reporting, and knowledge management.

**Visual Information Specialist** — National Park Service, Olympic National Park — 2018–2024 Designed and produced interpretive exhibits, site bulletins, trail maps, and digital media for one of America's most ecologically diverse national parks. Sole author of the Comprehensive Exhibit Visual Guide (483 pages, 109.7MB) — the definitive reference for all interpretive installations across the park. Documented Hurricane Ridge Visitor Center (destroyed by fire after documentation — only complete photographic record in existence), Elwha dam removal (1,197 Canon RAW files + photogrammetry projects), and Hoh Visitor Center digital twin. Operated as the park's primary visual communications resource across print, web, and spatial media.

**Photographer / Visual Communications** — Canon USA & Corporate Clients — 2003–2018 Professional photography and visual communications across corporate, editorial, and commercial contexts. Developed systematic approaches to visual storytelling, brand communications, and cross-platform content production.

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## TECHNICAL SKILLS

**AI Operations:** Multi-model Claude deployment (Opus/Sonnet/Haiku), prompt engineering, context engineering, session lifecycle management, git-based persistent state, multi-station fleet coordination, Python automation (50+ tools built).

**Visual & Spatial:** Adobe Creative Cloud (Photoshop, Illustrator, InDesign, Lightroom, Premiere, After Effects), Canon professional photography, photogrammetry (RealityCapture, Agisoft Metashape — 37 projects 2021–2025), Blender, Cinema 4D, ZBrush, TouchDesigner, OBS Studio.

**Development:** Python, HTML/CSS, JavaScript (Astro framework), Git/GitHub, Vercel deployment, Raspberry Pi (Linux/cron/SSH), network configuration, shell scripting.

**Communications:** NPS interpretive design methodology (Freeman Tilden principles), UniGrid publication system, exhibit design, wayfinding, site bulletins, trail maps, accessibility standards.

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## EDUCATION

**B.S. Anthropology** — Virginia Commonwealth University, Richmond, VA Relevant coursework: ANTH 448 Language, Culture, and Cognition

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## PORTFOLIO

**rspdan.com** — Professional portfolio and research publications **rspdan.com/research** — The STORY Protocol research findings **rspdan.com/journal** — NOW ANTHROPOLOGY practice-based research journal

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*References and additional documentation available on request.*