

JEREMY D. PRETTY

Schertz, TX | 580-481-8501 | jeremypretty@jeremypretty.com | <https://jpretty01.github.io/>

PMP • PMI-ACP/SP • ISTQB-CTFL / CTAL-TM

EXECUTIVE SUMMARY

Strategic leader with 15+ years managing IT, software, and defense programs exceeding \$500M. Expertise in Quality Assurance, AI/ML innovation, and federal contract management. Proven success building teams of 60+, achieving 75% efficiency gains through automation, and delivering \$500K+ cost savings. Distinguished educator at four universities. Founder of certified Service Disable Veteran-Owned Small Business.

CORE COMPETENCIES

Program/Project Management • Quality Assurance • AI/ML Development • Federal Compliance (FAR/DFARS) • Python/C++/C# • Team Leadership • Risk Management • Agile/Scrum • DoD Contract Management

PROFESSIONAL EXPERIENCE

Director of Project Management and Quality Assurance | PMAT Inc | Remote | 2024–Present

Direct enterprise PM and QA for U.S. Navy contracts exceeding \$500M. Established company's QA division with scalable frameworks ensuring federal compliance. Manage project managers and QA professionals while serving as primary liaison between corporate leadership, government stakeholders, and technical teams.

Founder & CEO | TMFPRETTY, LLC (SDVOSB) | Remote | 2024–Present

Built CARUSO (<https://caruso-platform.com/>), a project management plus QA platform delivering end to end traceability from requirements through release signoff. Owned product strategy, architecture, and full stack delivery, led secure AWS operations (multi tenant separation, reliability, observability) and executive reporting.

Built signalandcircuit.com, an AI powered publishing platform (Next.js, FastAPI, PostgreSQL) with automated data ingestion and search enriched fact checking.

Built TMFPRETTY's internal multi-agent AI operating environment across engineering, operations, and trading workflows, with human-in-the-loop controls, Discord-based orchestration, and nightly learning loops.

Senior Test Lead | Blizzard Entertainment | Austin, TX | 2021–2024

Directed team of 12 FTEs and 50 contractors. Developed NLP-powered automated bug triage system using Python and NLTK, achieving 75% improvement in accuracy and eliminating 80 daily man-hours. Created AI-powered visual anomaly detection tool using OpenCV and TensorFlow.

Senior Technical Program Manager | U.S. Air Force Civil Service | Randolph AFB, TX | 2019–2021

Managed A1 Virtual Data Center migration to AWS GovCloud. Implemented call center solution generating \$500K+ annual savings. Served as Alternate COR for \$38M contract.

Program Manager | P3I Inc. | San Antonio, TX | 2016–2017

Tactical lead for Air Force Simple Key Loader Project at EKMS PMO.

System Administrator / Scrum Master | Northrop Grumman | 2013–2016

Technical leadership for agile development initiatives across multiple programs.

Associate Program Manager | United States Air Force | 2004–2012

Managed combat and reconnaissance mission operations. Oversaw \$10M training budget.

ACADEMIC APPOINTMENTS

Adjunct Professor | Capitol Technology University | 2020–Present

Doctoral Chair/Committee • Product Management curriculum (PRM-500 through PRM-610)

Adjunct Professor | Southern New Hampshire University | 2022–Present

Distinguished Online Teaching Award (2025) • Outstanding Educator Award (2024, 2025) • Project Management courses

Adjunct Professor | Grand Canyon University | 2024–Present

AI Programming, Machine Learning, Computer Vision courses and Subject Matter Expert roles

Adjunct Professor | University of Arizona Global Campus | 2024–Present

Project Management, Procurement, Risk Management, Cost & Schedule Control courses

Adjunct Professor | University of Maryland Global Campus | 2026–Present

Artificial Intelligence and Machine Learning

EDUCATION

PhD, Product Management | Capitol Technology University

MBA, General | East Texas A&M

MS, Artificial Intelligence and Machine Learning | Colorado State University – Global

MS, Project Management | Embry-Riddle Aeronautical University

CERTIFICATIONS

PMP | PMI-ACP | PMI-SP | CTAL-TM (ISTQB) | ISTQB-CTFL | Agile Contract Management (Villanova)

PUBLICATIONS & CREDITS

Publications: 4 peer-reviewed articles in IJATL, IJMIT, and The Chemist on AI, human factors, and automation (2021-2023)

Gaming Credits: Diablo IV, World of Warcraft: Dragonflight, Overwatch 2 (QA Management)