

Drew Morgan

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SUMMARY

AI-focused technical product and program leader with 8+ years leading regulated, mission-critical systems at enterprise scale. Experienced in product strategy, model-informed decision systems, governance, and cross-functional delivery. Currently completing an MS in Artificial Intelligence and targeting enterprise AI leadership roles focused on lifecycle, governance, and delivery.

WORK EXPERIENCE

Air Mobility Command – United States Air Force (USAF) **Oct. 2025 – Present**

Technical Product Manager, Airfield Suitability *St. Louis, MO*

- Own product strategy and delivery for enterprise airfield suitability capabilities supporting global airlift, refueling, aeromedical evacuation, and contingency operations.
- Lead development of an end-to-end digital platform integrating operational and engineering data to support automated risk assessment, projected to save 130K+ hours annually.
- Direct evaluation of computer vision and data extraction models to convert aircraft and engineering reports into structured operational constraints.
- Established MVP scope, governance boundaries, and long-term roadmap for automated runway, taxiway, and obstruction assessments, balancing automation with human-in-the-loop oversight.
- Partner with engineering, architecture, and security stakeholders to ensure release readiness, validation, and operational reliability.

8th Operations Support Squadron – USAF **Feb. 2024 – Oct. 2025**

Technical Program Manager, Airport Data and Safety *Gunsan-si, South Korea*

- Built and led a new data and safety program supporting critical airfield and data systems for U.S. and Korean military and commercial aviation operations.
- Delivered an operational risk and reporting platform improving data accuracy by 23% and reducing manual processing by 500+ hours annually.
- Managed four cross-functional teams spanning air traffic, airfield maintenance, and data systems with oversight of \$3B+ in critical infrastructure assets. Program ranked #1 of 32.

603d Air Operations Center – USAF **Oct. 2020 – Feb 2024**

Technical Program Manager, Airspace *Ramstein, Germany*

- Led design of an airspace planning platform coordinating air operations across 23M square miles, 100+ countries, and 40+ organizations.
- Architected governance workflows and decision support tooling improving coordination efficiency by 5K+ hours annually and supported humanitarian operations safeguarding 500K+ civilians.
- Directly reported to the theater-level commander on system performance, risks, and operational readiness, informing time-sensitive decisions. Program ranked #1 of 21.

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60th Operations Support Squadron – USAF

May 2018 – Oct. 2020

Technical Program Manager, Airfield Operations

Vacaville, CA

- Managed airport operations spanning air traffic, infrastructure, radar, and data systems.
- Developed predictive automation tools identifying airport bottlenecks, directly enabling time-critical COVID-19 evacuation operations.

EDUCATION

University of Colorado Boulder

Expected 2027

Master of Science in Artificial Intelligence

Boulder, CO

United States Air Force Academy

2018

Bachelor of Science in Business Management

Colorado Springs, CO

SKILLS AND CREDENTIALS

- **Certifications:** Top Secret/SCI Security Clearance, PMP (expected April 2026), Lean Six Sigma Black Belt (expected May 2026).
- **Product and Program:** Product strategy, roadmapping, lifecycle management, governance, executive reporting, risk management, SDLC, Agile (Scrum, Kanban, SAFe)
- **AI and Data:** Model evaluation, data pipelines, responsible automation, retrieval-augmented generation (RAG) concepts, model context protocol (MCP), agent-to-agent protocol (A2A)
- **Technology:** Python, Javascript, SQL, AWS, Azure, GCP, Tableau, Power BI, Jira, Confluence
- **Languages:** Introductory proficiency in Bengali, French, German, Italian, Korean, Spanish.
- **Interests:** Music production, Science Fiction, Aquariums, Prototyping (3D Printing, Electronics)