

# MATTHEW GISSENTANNA

GIS Product & Program Leader | ArcGIS Specialist | FAA Part 107 Remote Pilot

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## WHY I'M A FIT FOR ARCGIS AVIATION PRODUCT MANAGEMENT

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- **I live in ArcGIS Pro.** Daily user for cartography, multi-source data integration, conflation, feature extraction, and large-scale QA/QC across an active geospatial portfolio ([gissentanna.com/matthew](http://gissentanna.com/matthew)).
- **I know aviation from the cockpit and the chart.** FAA Part 107 Remote Pilot in Command. Operate under Part 107, plan around airspace classifications, secure LAANC authorizations, and coordinate with controlled-airspace airports.
- **I've shipped commercial software.** Owned product release and lifecycle work at Amazon and customer-facing delivery at Rubrik — intake, requirements, roadmap, release readiness, and post-launch enablement of sales, services, support, and training.
- **I cultivate strategic relationships.** Briefed Directors and VPs at Amazon, ran \$10M+ enterprise engagements at Rubrik, and translated technical detail into business value for non-technical partners.
- **I'm willing to travel** for customer briefings, conferences, and field work — and I'm actively pursuing a Graduate Certificate in GIS and UAS at the University of Denver.

## PROFESSIONAL EXPERIENCE

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### Senior Technical Program Manager — Amazon (AWS & Devices)

Jul 2022 – Jan 2026

Denver, CO

- Owned the product lifecycle for internal security and OS-lifecycle programs from intake through GA release and post-launch validation; ran an end-of-life OS program to 95% on-time completion across the device portfolio.
- Gathered, documented, and prioritized requirements across 400+ stakeholders, translating ambiguous customer needs into release-ready specifications and roadmap milestones.
- Drove internal launch readiness with engineering, security, support, customer service, and training counterparts — release notes, configuration guides, training enablement, and escalation paths.
- Designed and automated end-to-end data pipelines that turned 200+ raw signals into quarterly business-review reporting consumed by Directors and VPs; communicated roadmap progress, risks, and trade-offs to senior leadership.
- Built CVE tracking and QA systems that improved remediation efficiency 50% and reduced backlog 80%, with dashboards monitoring data health and release metrics.

### Project Manager, Professional Services — Rubrik

May 2021 – Jul 2022

Palo Alto, CA (Remote)

- Led two of the largest enterprise deployments in company history (\$10M+ budgets, 200+ team members), partnering directly with customer executives to scope requirements and steer mission-critical projects.
- Coordinated across Professional Services, Sales, Partners, and Engineering to deliver new product capabilities; improved project efficiency 35% and on-time delivery 20%.
- Surfaced field-driven product feedback to Product and Engineering, influencing roadmap and release priorities for the deployment workflow.

### Founder / Geospatial Analyst & UAS Pilot — Liquid Sun Creative

2021 – Present

Brighton, CO

- Run end-to-end GIS workflows in ArcGIS Pro and PIX4Dmatic: aerial capture, photogrammetry, conflation, feature extraction, classification, and shapefile/GeoJSON deliverables with proper coordinate reference systems and geospatial metadata.

- Plan and fly drone mapping missions with the DJI Matrice 4E (RTK) under FAA Part 107, including RTK/ GNSS ground control, airspace authorization, and operations near controlled airspace.
- Author client-facing delivery reports, methods write-ups, and product documentation that communicate technical decisions to non-technical buyers.
- Maintain GitHub-hosted scripts and templates for repeatable, audit-ready geospatial pipelines; ship and document an evolving portfolio at [gissentanna.com/matthew](https://gissentanna.com/matthew).

### Earlier Career

2007 – 2021

- IT Supervisor at Synovus Financial (Jira Center of Excellence administration, cross-functional leadership); Scrum Master and Business Systems Analyst roles at Omega Financial, Delta Data Software, and Aflac. Consistent pattern of bridging engineering, customers, and stakeholders to deliver software outcomes.

## EDUCATION & CERTIFICATIONS

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### University of Denver

Sep 2025 – Mar 2027

Graduate Certificate in GIS and Unmanned Aircraft Systems (in progress).

Coursework: Cartography and Map Design, GIS Fundamentals, Remote Sensing, UAS Operations, Geospatial Data Analysis, Photogrammetry.

### Troy University

2010 – 2019

B.S., Business Administration — Global Business.

**Certifications:** FAA Part 107 Remote Pilot in Command (current) | PMP — Project Management Institute (2017) | Certified ScrumMaster — Scrum Alliance (2015) | CompTIA Server+ (2014)

## CORE COMPETENCIES

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**GIS & Cartography:** ArcGIS Pro (primary), PIX4Dmatic, QGIS, Global Mapper; multi-source data integration, conflation, feature extraction and classification, large-scale QA/QC, dataset audits and refreshes, shapefile and GeoJSON workflows, coordinate reference systems, geospatial metadata.

**Aviation & UAS:** FAA Part 107 Remote Pilot in Command, airspace classification and LAANC authorization, sectional and chart interpretation, RTK / GPS / GNSS, ground control points, DJI Matrice 4E (RTK), aerial imagery acquisition, photogrammetry, LiDAR processing.

**Product & Program Management:** Requirements gathering and prioritization, roadmap planning, release readiness, go-to-market enablement, customer briefings and conference presentations, executive communication, market-problem framing in the Pragmatic Marketing style.

**Engineering & Tooling:** Python, SQL, GDAL and geopandas (familiarity), data pipeline design, Git and GitHub, AI-augmented development with Claude Code, AWS, Jira, Confluence, Microsoft Office Suite, Adobe Creative Suite.

## ADDITIONAL

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- Board President, Foundations Academy (NHA Charter School), Brighton, CO.
- Willing and able to travel for customer engagements, conferences, and field work.
- Active overlander documenting trail networks and public-lands access across the western U.S. (@mattecruiser).