

# Kevin Bursaw, EdD

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## PROFESSIONAL SUMMARY

Multidisciplinary project leader with expertise in AI strategy, GIS development, UI/UX design, and aviation operations. Proven success managing innovation programs, stakeholder collaboration, and operational assessments. Experienced educator and technical communicator, driving training modernization and policy change.

## EDUCATION

- MS, Cartography and GIS Development, University of Wisconsin–Madison (Online) – Aug 2025  
  
GPA: 4.0 · Emphasis: UI/UX design, web mapping, cartographic visualization, and geospatial programming
- MS, Applied & Computational Mathematics and Statistics, University of Notre Dame (Online) – May 2026  
  
GPA: 3.67 · Focus: Artificial Intelligence, Machine Learning, Big Data, Data Visualization
- Doctor of Education, Oklahoma State University – Jul 2022  
  
GPA: 4.0 · Dissertation: Flight Training in Operationally Limited Environments
- MBA, University of Miami – May 2020  
  
GPA: 3.81
- BS, Professional Flight Technology, Purdue University – May 2013
- Certificates, MIT xPRO –  
  
AI Products & Machine Learning in Business

## PROFESSIONAL EXPERIENCE

- Senior Project Analyst, Salas O’Brien (SAF/IE, Pentagon)  
  
Oversees 140+ DAF operational impact assessments; negotiates mitigation strategies on \$4B+ energy projects  
Leads cross-agency data aggregation, stakeholder engagement, and contract resolution
- Limited Term Lecturer, Purdue University  
  
Teaches graduate aviation policy, security, and business courses
- Director A5/9 (Plans & Analysis) / Instructor Pilot, 80th Flying Training Wing

Led emergency planning across 14 NATO nations; rewrote 4 syllabi, yielding 70+ more pilots/year

Applied data analytics & ML to 10 years of training data; cut 1 sortie per pilot

Designed 12 UI-focused training tools adopted by 200+ pilots in syllabus modernization

- KC-10 Aircraft Commander & Ops Leader, USAF / Deployed Locations

Led 635 aerial missions including combat; supervised 90+ crew; deployed 46.3M lbs of fuel

Created tactical training programs; retrained 272 aircrew for peer conflict readiness

## **SKILLS & CERTIFICATIONS**

Technical: Python, JavaScript, R, SQL, HTML, ArcGIS Pro, UI/UX, Carto, Adobe CC, Power BI

Ratings: FAA Commercial & CFI, sUAS Certificate, DC-10/BE-400/MU-300 Type Rated

Recognition: Eagle Scout, USAF & Wing Awards (2021–2024), Squadron Team of the Month (2019)