

SUMMARY

Technical Instructional Systems Designer and Full Stack Developer specialized in bridging Educational Strategy and AI Implementation. Extensive experience leveraging Data Science, NLP, and LLMs to optimize training outcomes for defense and intelligence missions. Proven track record in architecting end-to-end AI pipelines and modernizing technical infrastructure.

PROFESSIONAL EXPERIENCE

Developer

07/2024 – Present

Leidos - Chantilly, VA

- Engineered state-of-the-art NLP models: Designed custom Named Entity Recognition (NER) models for specialized datasets, achieving high extraction accuracy.
- Architected AI pipelines: Trained and deployed 30+ ML models using TensorFlow and DSPy for production insights.
- Modernized infrastructure: Built secure FastAPI REST services with JWT and Dockerized applications for 99.9% consistency.
- Project Leadership: Lead PMP Instructor for 4+ cohorts and author of the PMP 2026 Exam Prep Ebook.

Instructional Systems Designer

10/2023 – 07/2024

Peraton - Chantilly, VA

- Directed and mentored a team of instructional designers to achieve course development objectives.
- Managed a portfolio of 8 courses, overseeing end-to-end design and implementation.

- Coordinated multiple projects with strict deadlines in a fast-paced environment.

E-Learning Developer

01/2022 – 10/2023

[Leidos - Chantilly, VA](#)

- Leveraged Python (Pandas/NumPy) to analyze training trends, improving completion rates by 20%.
- Automated data collection via web-scraping, reducing manual workloads by 15 hours per week.
- Developed and deployed 5 comprehensive WBTs within 90 days for organizational missions.

Instructional Designer

03/2021 – 12/2021

[Tekmasters - Springfield, VA](#)

- Developed interactive digital learning materials using Articulate 360, Captivate, and Camtasia.
- Created learner-centered curricula tailored to adult education for intelligence environments.

Instructor / Course Developer

03/2004 – 08/2014

[United States Air Force](#)

- Authored 52 technical scenarios for firearms training simulators.
- Maintained technical databases with 1,000+ entries achieving 100% data accuracy.
- Reduced performance report rewrites by 25% through evidence-based curriculum adjustments.

EDUCATION & CREDENTIALS

Graduate Certificate: AI Systems Management

2025

[Strayer University](#)

Master of Education: ID & Technology

[Liberty University](#)

BS in Management / CIS

[Park University](#)

Key Certifications: Project Management Professional (PMP), TensorFlow Developer, AWS Certified Cloud Practitioner, IBM Data Science, Google Data Analytics.

TECHNICAL SKILLS

AI & Data

TensorFlow, PyTorch, DSPy, NLP, Scikit-Learn, Pandas, NumPy, Vector Databases

Strategy

Instructional Design (ADDIE), Articulate 360, Agile/Scrum, PMP Methodology

Development

Python, JavaScript, FastAPI, SQL, Docker, Git, RESTful APIs, JWT, Bash

Interests

Neuro-symbolic AI, LLM Automation, Olympic Weightlifting, CrossFit

