Dustin J. Ober

AI Developer & Technical Instructional Systems Designer

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SECURITY CLEARANCE: TOP SECRET CLEARANCE WITH SCI AND POLY

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
06/1999 – 08/2014

United States Air Force

- 15+ years of distinguished service across multiple technical and leadership roles.
- 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.

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

Development

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

Strategy

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

Interests

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