



Shadowbear

Capabilities Statement

Cybersecurity | Artificial Intelligence | Data Science | Management Consulting

Introduction

Shadowbear is uniquely positioned to support the clients in addressing their critical needs in cybersecurity, artificial intelligence (AI), and machine learning (ML). Leveraging our deep expertise and innovative solutions, we ensure enhanced security postures, optimized operations through AI-driven insights, and the delivery of actionable intelligence from complex data sets.

Company Data

Shadowbear was born out of direct experiences as a US Army Cyber Officer, Artificial Intelligence PhD Researcher, and Program Manager responsible for over \$25M in SBIR funding.

UEI: SFF8SS9APMH5

CAGE: 9Q8R5

Socioeconomic: VOSB, Minority Owned

NAICS codes: 541519 541512
541511 541430
541611

Accepts Credit and Purchase Cards

Past Performance & Experience

IAI North America :

Developed security assessments & POAM. Guided CMMC planning, enhancing cybersecurity readiness and compliance frameworks.

Department of the Navy:

Technical Program Management: Directed suite of SBIR contracts (>\$25M), in advanced AI/ML models, high-performance computing systems, and cybersecurity enhancements.

AI/ML & Data Science Innovation: Led the development of a groundbreaking AI/ML solution and data visualization for AESGIS Weapon System targeting.

CORE COMPETENCIES:



Cybersecurity



Artificial Intelligence



Data Science



Management Consulting

Advanced Cybersecurity Frameworks: Implementation and management of cybersecurity measures, including threat detection, risk assessments, and compliance.

Custom AI and ML Solutions: Development of predictive analytics, intelligent automation, and deep learning algorithms for operational efficiency and strategic decision-making.

Data Science Services: Big data analytics, statistical modeling, and machine learning to transform data into actionable intelligence, supported by advanced data visualization tools.

Strategic Management Consulting: Offering expert advice on aligning IT initiatives with organizational goals to drive growth, efficiency, and innovation.

Expert Program and Project Management: Agile, Scrum, and Waterfall methodologies to enhance organizational productivity and effectiveness.

End-to-End Digital Transformation Support: Strategic planning and execution, including process optimization and change management for technology adoption and organizational adaptation.

DIFFERENTIATORS



Operational Army Cyber Experience

Expertise in cybersecurity strategies from Army Cyber operations ensures unparalleled security solutions, anticipating and neutralizing threats preemptively.



PhD-Level AI/ML & Data Science Innovation

Driven by PhD-level expertise, leading the creation of advanced AI applications and analytics for predictive insights and operational efficiency.



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