

Athyn Insights Incorporated

Data. Delivered.

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Address: Box 966, Bryn Athyn, PA 19009

Business Type: Woman-Owned Small Business (WOSB) | Socially Disadvantaged Small Business

Company Overview

Athyn Insights Incorporated (Aii) was started in 2021 with a singular mission to enhance the data science capabilities of the Department of State. We are a woman-owned, socially disadvantaged small business focused entirely on data science and AI solutions for the U.S. Department of State and other government agencies.

As Secretary Rubio has stated, "Winning the AI Race is non-negotiable." Athyn Insights helps the U.S. Department of State transform its data into actionable insights. We build innovative AI solutions that enable diplomats to work more effectively and make better decisions. We operate at the meeting point between top-down strategy and bottom-up innovation—solving real-world problems today while building infrastructure for future technology and enterprise solutions. Platforms deliver value only when people with vision use them; we build the platform and enable the talent that puts it to work. We are committed to the pace of innovation ahead.

Core Competencies

Platform Development and Maintenance

We build and maintain scalable data platforms that bring AI and data science tools directly to users. Our platforms integrate with enterprise systems like SharePoint and Graph APIs, Azure AI Services, OpenAI, Databricks, and government cloud infrastructure, providing unified interfaces that make complex tools accessible.

Custom AI/ML Development

We develop agentic AI applications utilizing Azure AI Services, OpenAI models, and frameworks like LangChain and LangGraph. Harnessing the power of GenAI Computer Vision, Document Intelligence, AI Speech, Vector Embedding, RAG, and more, we develop impactful solutions that transform how the Department works with data.

Automation

We automate processes to free up time and resources for complex problems. Our philosophy is code over SOPs—we build automated solutions rather than writing procedures that require manual execution.

Analytics and Data Visualization

We build dashboards and analytical tools using Splunk, Power BI, Flask, Streamlit, and custom Python visualizations to turn raw data into insights that drive decisions.

Cost Tracking and Budget Management

Our platforms include comprehensive cost tracking and budget management features with real-time visibility into AI service usage, spending patterns, and resource allocation. Built-in budget controls with auto-cutoff capabilities prevent cost overruns.

Training and Team Empowerment

We run custom DoS Data Science bootcamps and provide ongoing support through weekly office hours. Our training is hands-on and DoS-focused—we teach the tools and how to apply them to State's actual problems.

Key Technologies

- Government Azure Cloud
- Azure AI Services
- OpenAI Models
- Databricks
- SharePoint and Graph APIs
- Python & R
- Splunk
- Power Platform (PowerApps, Power Automate, PowerBI)
- LangChain & LangGraph
- TensorFlow
- Flask & Streamlit
- BeautifulSoup
- Sonatype Nexus Repository + Firewall
- Docker
- React, TypeScript, JavaScript
- SQL & Database Management

Past Performance

Funhouse Platform - AI-Powered Data Science Innovation Lab

- **700+ active users across 60+ countries and 30+ bureaus**
- **Built and maintained enterprise platform serving Department of State**
- **Integrated Azure AI Services and OpenAI models for secure experimentation**
- **Democratized AI tools for citizen developers and data scientists**

Automation & Cost Savings Solutions

- **\$35,000+ per month in operational cost savings**
- **55% reduction in manual effort through automated security analysis**
- **250+ daily users on automated data pipeline solutions**
- **Bi-directional data pipeline between Splunk and SharePoint**

Key Personnel

Lana Tang - Owner & Founder

Lana's greatest passion is helping other people realize their talents.

Blake Holmes - Data Science Consultant

Seasoned data scientist and technology leader with proven track record of leading high-impact data projects. Previously a Foreign Service officer, now contracting as a data science engineer at the U.S. Department of State Bureau of Diplomatic Technology. Leads development of Funhouse platform serving 700+ users across 60+ countries and 30+ bureaus.

Terri John - Data Scientist

Data scientist leveraging deep experience within the U.S. Department of State to translate complex data into actionable insights. Expertise in Python, SQL, machine learning, and Microsoft Power Suite. Champions 'Field First' approach, scaling innovative ideas from local offices into enterprise-wide analytics tools.

Drew Hernandez - Software Engineer

Software engineer contracted with the U.S. Department of State, Bureau of Diplomatic Technology. Developed automation and data solutions that improved cybersecurity operations, accelerated project delivery, and saved over \$35K/month in operational costs. Expertise in Python, JavaScript, React, TypeScript, Splunk, Docker, and Databricks.

Differentiators

- **Domain Expertise:** Our team includes former Foreign Service Officers and DoS-savvy technologists who understand how State actually works—the processes, the politics, the mission.
- **Top-Down and Bottom-Up:** We operate at the meeting point between strategy and execution—scrappy enough to solve real-world problems now, while building infrastructure for future technology and enterprise solutions.
- **Passion That Pushes Through:** New technology adoption brings hard steps: governance, procurement, change management, training. We bring the passion and persistence that helps teams push through and inspires others.

- **People First:** Platforms and AI provide no value on their own; it takes people with vision to use them. We build the tools and enable the talent that turns them into impact.
- **Proven Adoption:** We measure success by adoption and impact. Our platforms have grown from concept to serving hundreds of users across 60+ countries and 30+ bureaus.
- **Security & Compliance:** We understand government security requirements and navigate complex cybersecurity governance processes. Our platforms include built-in cost controls, logging, and enterprise authentication—built for production use in government environments.
- **Focus:** We focus exclusively on data science, AI, and machine learning. This focus keeps our skills sharp in a field that changes fast.
- **Bias Toward Action:** We prioritize user value over technical perfection. We measure success by whether tools get adopted and solve actual problems.

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This capability statement is current as of 2024. For the most up-to-date information, please visit www.athyninsights.com