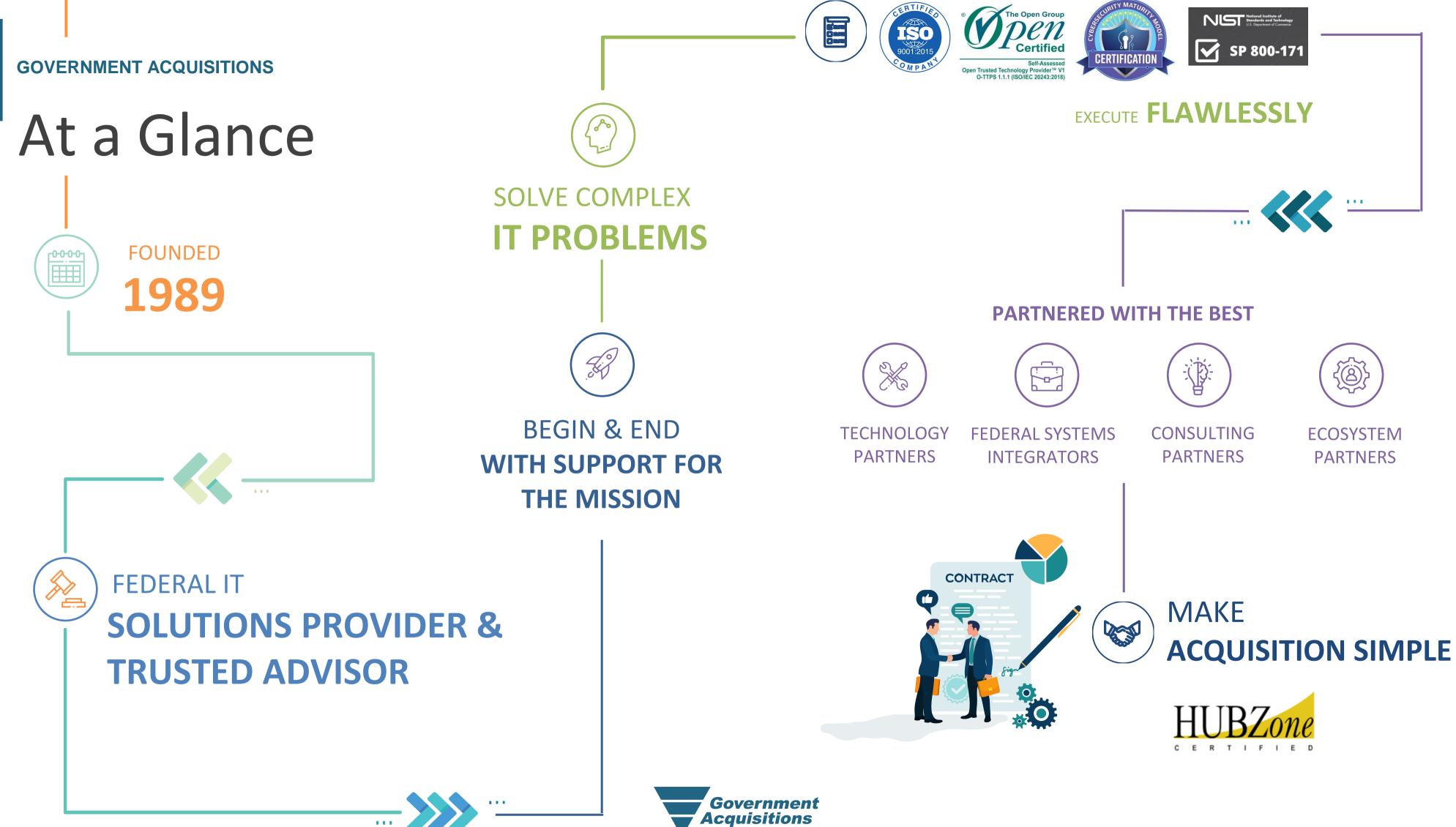
POWERING CAREER EVOLUTION THROUGH MULTIMODAL GENAI













Athena — Al Based Talent Management System

Total rewards

- Employee compensation and benefits
- Employee incentives
- Employee rewards
- Employee recognition programs
- Pay for performance

Succession planning & identifying

- Talent profiles
- Executive Education
- Leadership assessment & evaluation
- Succession management
- Fast-track leadership programs
- Actively match top talent to critical roles

Training & development

- Align learning with organizational goals
 L&D strategy
- Nurture a learning culture
- Measure training effectiveness
- Offer appropriate & varying learning channels
- Manage learning outcomes, achievements and rewards

Talent Management





Talent strategy & planning

- Employee engagement, retention & rewards strategies
- Identify business metrics and measures
- Form your strategic HR team
- Workforce planning



Talent acquisition

- Sourcing, recruitment advertising
- Define the Employer Value
 Proposition (EVP)
- Candidate pools
- Identify, attract & select talent in
- an effective recruiting process
- Onboarding



Employee performance management

- 360-degree assessments
- Leadership development
- Coaching and mentoring
- Career mapping
- Professional development
- Goal alignment



Athena — Digital Concierge for Talent Management

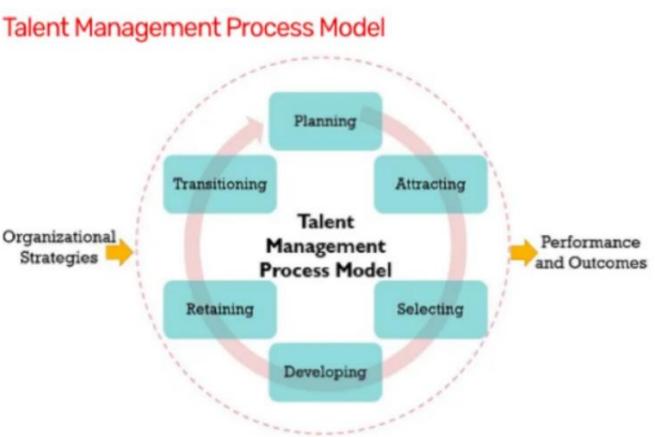
- Athena is an AI driven multi-modal talent management platform to assist career seekers with professional resume building, personalized cover letter generation, LinkedIn optimization, mock interview preparation accelerating their career launch.
- Athena can also used by recruiters, government agencies, system integrators to screen and manage talent pipeline across hundreds of thousands of applicants, graduates and career seekers applying for jobs.
- Athena is the AI-powered digital concierge for talent management, transforming job hunting and candidate screening with ulletexpert resume crafting, bespoke cover letters, LinkedIn enhancement, and mock interview prep.
- It accelerates the job req matching with the right resume cuts down job search time by almost 80% and significantly improves your chances of matching the right candidates to the right jobs.
- Athena seamlessly integrates with AI powered Learning Management System for hands on AI Literacy Training and student engagement to promote learning and retain talent.



Organizational

Strategies





Platform Overview







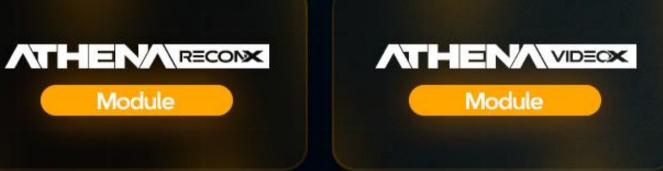














ASSESSMENT MODEL - BL TALLY FT - Llama2-70B

Applications & Use Cases for Athena

[U]



Resume Scoring against Job Description Scoring of candidate resumes against job descriptions and generating quality content for resumes to prevent ATS Filtering

Generating Personalized Cover Letters

Generating Professional Cover Letters & LinkedIn Content in Minutes

> Mock Interviews & LinkedIn Optimization Helping candidates prepare for job interviews, optimize LinkedIn profiles and generate studio quality professional pictures.

83



Fast Talent Screening by Recruiters

Recruiters and FSIs can screen and score thousands of resumes for job regs.



Graduate Placement Assistance

Universities and Colleges Career Services Teams can use this to help place millions of their graduates into high paying jobs.

Talent Management by OPM and HR

When combined with Canda and UiPath, this can be used for Talent Management & Retention by OPM and HR departments of agencies, MOS matching for soldiers, national guard, airmen, reservists etc.

in An optimized LinkedIn profile

	Al Powered InkedIn Optimize	
General Score	Lorem (paum dolor sit amet, consectenze adiplacing elit, Phasellus prefium risuli nulla, sit amet blandit eros fincidunt consequat. Aliquam molestie puna tellus, vel cursus est leorest	Dedic Mis
85	sit erret. Cres dapitus arcu sem, ut lobortis magna ornere tempus	
r Experience	See Previous Score ->	Ishan Jadhwani Sr. Dructer of Technology Services ethorating proglation (TC, Cyber, 1976)
Volunteering 24	Your profile scored an 85 out of 100!	Ruman Wagran, Desert States
Certifications	This is a decent start, but there's deer room for improvement on your profile. If scored low on some key areas , but they can be easily improved. Let's dive into what we checked your resume for, and how you can improve your score by 30+ points.	About My name is labor Jackward Enthusikat, Securing lijeten
3 Sections 43		has always been my passio learning and practicing han related to arbical backing, p and risk assessment, and in
* Soft Skills 43		
Hard Skills	II Steps to Increase Your Score	+ Experience
ele y	Your score is made up of 4 categories: Experience, Volunteering, Certifications, and Sections. Left show you how to increase your score in each category, and	Sr. Director of Techn
Line Analysis	thus your overal resume score to you shand out against the crowd!	Intelligitud Paint - Fall Street May Thomas Virgiture, United States
Magic Write	* Experience Calegory	Loading educational tool in
5 Sample Bullets	To stand out and show you're a strong applicant to employers, you need to increase your meune's clarity. Based on our analysis of your profile, we found these specific weys you can use to increase your especience scare.	Point flagship products sud feet Pmp, Repd Flashcards included designing a fully in Intellectual Point CompTA.
Action Verbs	Weak Action Verbs	courses Show More
	Your remains sportners weak section webs, if it is Achiev Verbar mooremended to replace these with stranger webs.	Bellix Web Engineering - V. Nooln jr - Back-Enri Web Dr - Media Production - Softw Dight Melleting
🏠 Analyze Another Profile	Avoid Responsibilities Some of your built points clearche senses Fix Responsibilities	Contraction of

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CATHENA Linkada Optimiza

Return Home



Content Charles

tion is in our DNA. sion is our mindset.

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Leveraging the Athena Recon module, Athena transforms LinkedIn profiles into compelling narratives of professional achievements. The tool evaluates and enhances profiles based on a range of attributes, including but not limited to, summary length, consistency, use of buzzwords, and quantified achievements.

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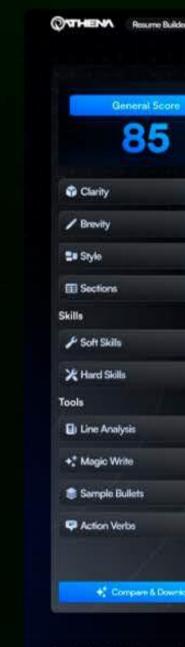
Enhancing Your LinkedIn Presence



Q The perfect Resume

Skilled Resume Matching

Athena fine tunes resumes by semantically parsing job descriptions alongside your resume using the power of GenAI. This advanced AI based matching system identifies gaps in your resume, provides recommendations and perfectly aligns your technical skills, soft skills, education, certifications, security clearances and experience to job requirements. This approach optimizes your resume for seamless navigation through numerous Applicant Tracking Systems (ATS), significantly boosting your prospects of securing a job interview.

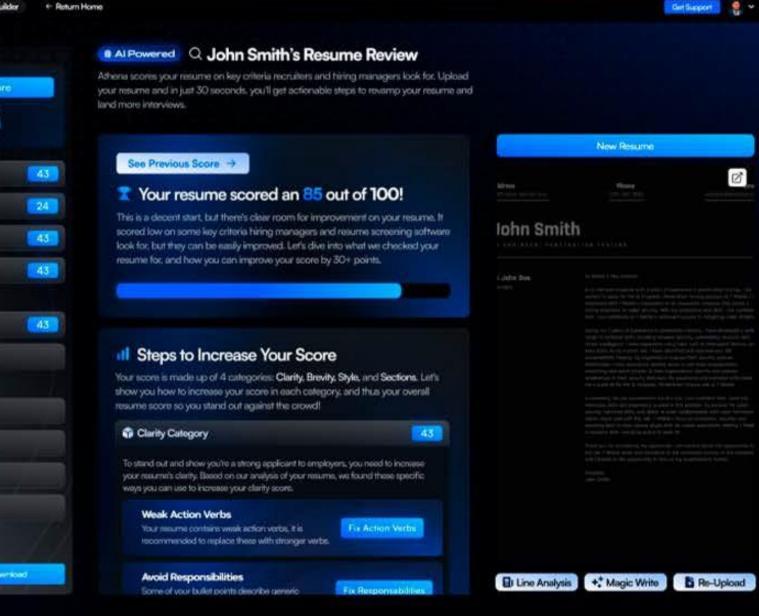








ONTHENA Resume Builder + Return Home

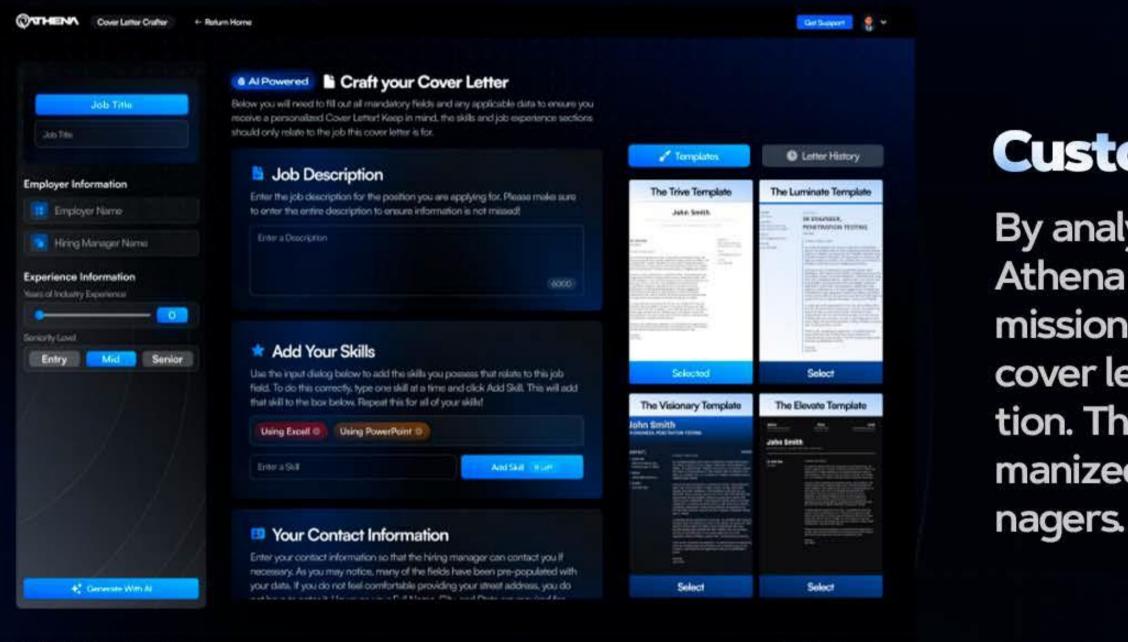


Cooverant 2024 (1) Eventactual Point: All Figure Reserve



Terms of Service | Prvecy Policy

Effective Cover Letters



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Customized Cover Letters

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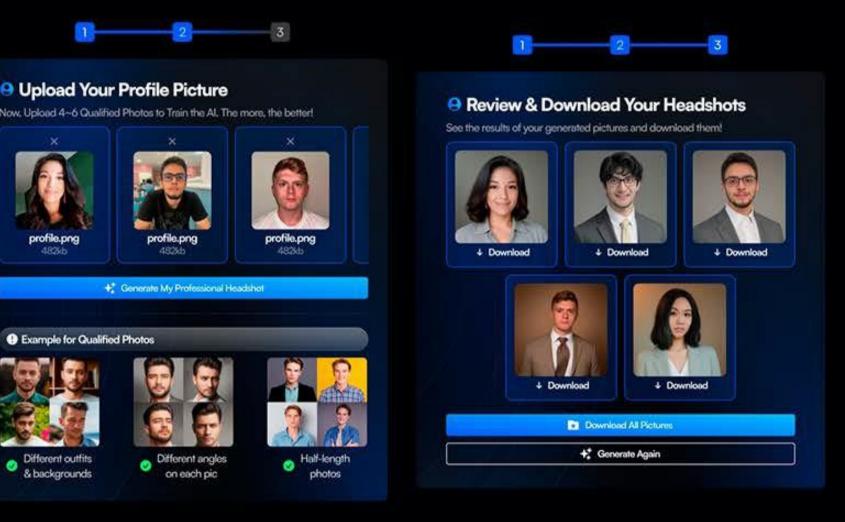
By analyzing the job description and employing Athena Recon to navigate the web for a company's mission and objectives, it aligns the applicant's cover letter with the hiring needs of the organization. This method ensures a personalized and humanized application that resonates with hiring ma-

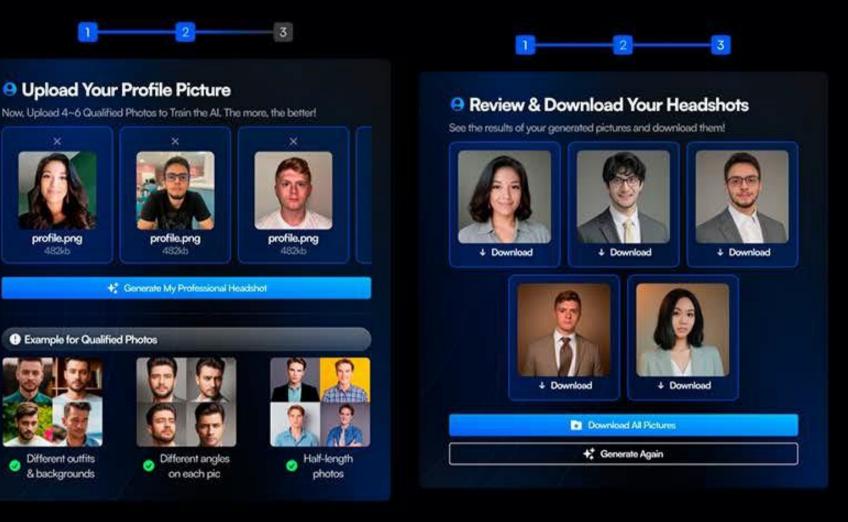


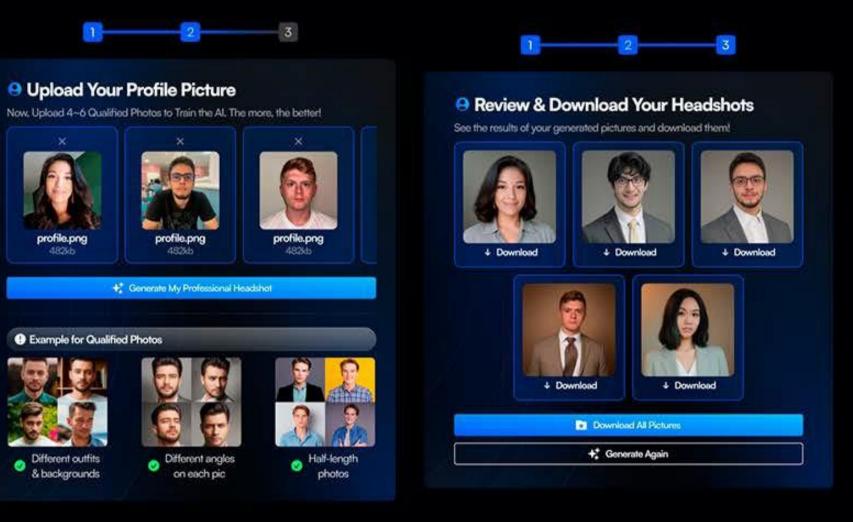
8 Always Look Sharp

Professional Headshot Generation

Athena Al's novel feature of generating professional headshots further personalizes and enhances the profile's appeal. With it cutting-edge headshot generation, Athena offers a complete package, merging visual allure with narrative precision to make your LinkedIn profile truly stand out.





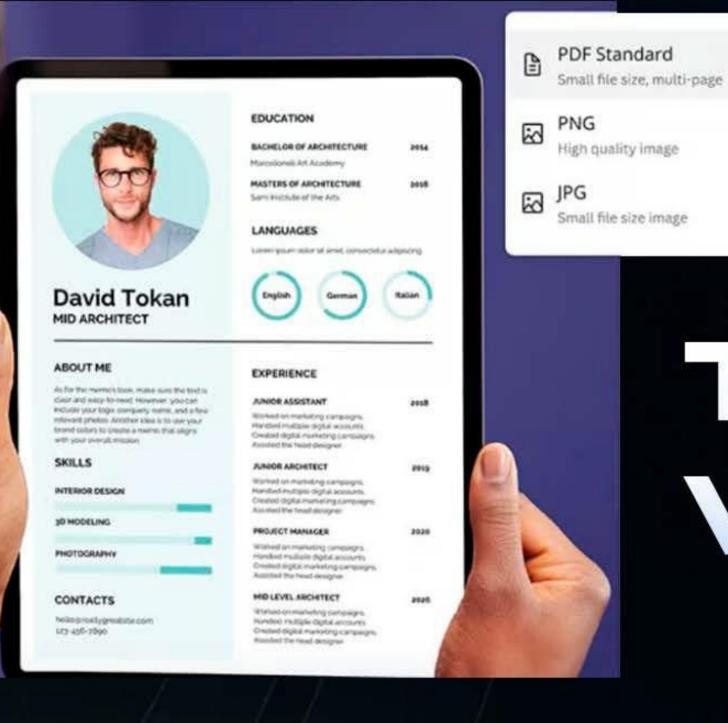








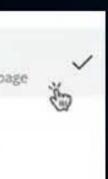














Text to Video



Get to Know your Next Career

CATHENA Mock Interview - Return Home

Cyber Security Engineer Interview

Average Job Pay

Entry Level US\$99.465+

Senior Level US\$99.465+

Mid Level

US\$99.465+

* Average Job Duties

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Cyber Security Job Engineer Description

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· Perform, or review, technical security assessments of computing environments to identify points of vulnerability, noncompliance with established IA standards and regulations, and recommend mitigation strategies on NIPR assets.

 Facilitate and meet cybersecurity compliance requirements for tenant migrations.

 Validate and verify system security requirements definitions and analysis and establishes system security designs f...

Begin Al Mock Interview

Recommended Certifications Splunk Core Certified User CompTIA Security+ (SEC+) Certified Ethical Hacker (CEH)

GetSupport 🖉 👻

Typical Job Skills

Using Excell Using PowerPoint

Converte 2024 C Intellectual Foort, All Richts Reserved

Terms of Service (Privacy Policy

Athena's mock interview capabilities combines preparation with precision. It customizes questions based on the user's resume and job specifics, using advanced NLP for real-time response transcription and an interactive AI avatar experience.









AI Mock Interview Preparation





Athena — Al Based Learning Management System





Did you Know?

by 20 Meta

of Meta LLama-70b

Nvidia DGX A100







Athena is built on a fine tuned version

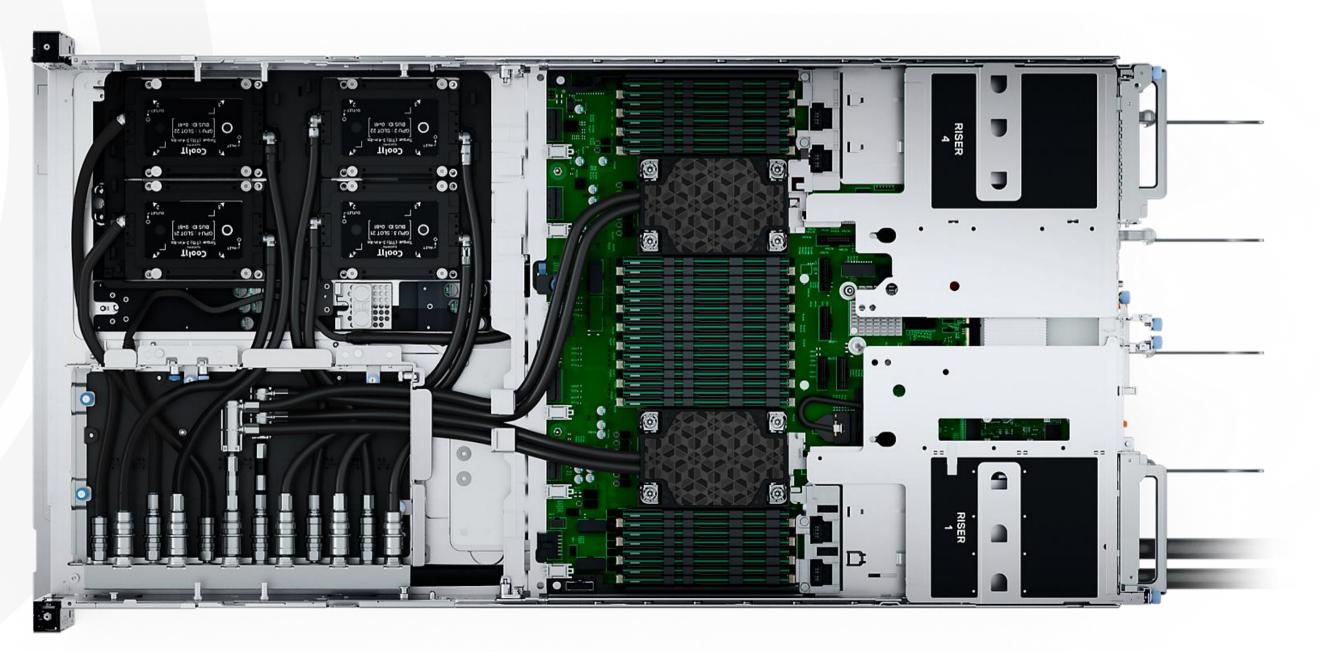
Athena is trained and inferencing on





On-Premise Secure Deployment of Athena on Nvidia / Dell Equipment









	SMALL (R7625)	MEDIUM (R760xa)	LARGE (XE8640/XE9640)	X-LARGE (DGX H100/XE9680)
Infra & Cost Activities	Athena-MiniTech (AMT)	Athena-MidRange (AMR)	Athena- HighCapacity (AHC)	Athena-PowerMax (APM)
Memory (RAM)	512GB RAM	1TB RAM	1TB RAM	2TB RAM
Compute (CPU)	64C/128T	112C/224T	112C/224T	112C/224T
Storage (NVMe)	4TB SSD	25TB SSD	25TB SSD	30TB SSD
Compute (GPU)	2x Nvidia H100	4x Nvidia H100	4x Nvidia H100	8x Nvidia H100
Foundation Model	Llama-2-70B or Mixtral-8x7B	Llama-2-70B or Mixtral-8x7B	Llama-2-70B or Mixtral-8x7B	Llama-2-70B or Mixtral-8x7B
Model Inference (Concurrently)	1 Evaluation	2 Evaluations	2 Evaluations	5 Evaluations
Model Inf. Latency	128 Tokens / 10s	128 Tokens / 4s	300 Tokens / 1s	750 Tokens / 1s

EXAMPLE





Model Training Services & MLOps Data Engineering (Professional Services)

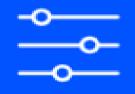


Data Engineering

Data Collection and Integration, Data Storage & Management, Data Exploration & Analysis, and Setting up ETL Pipelines for GenAl



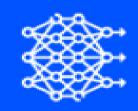
Vector Database Requirements Analysis, Infra Planning, Database Design & Modeling, Integration w/ Data Sources, Indexing & Optimization



Al Model Customization (Fine-Tuning) Objectives Definition & Scope, Model Selection, Baseline Establishment, Fine-Tuning Strategy, Model Fine-Tuning



MLOps (Deployment, Orchestration, Guardrails, & Monitoring) Experimentation & Model Development, CI/CD for ML, Model Deployment & Serving, Monitoring & Ops, Governance & Compliance



RLHF (Reinforcement Learning via Human Feedback) Data Collection for Human Feedback, Incorporating HF, Reward Modelling, Policy Learning & Refinement

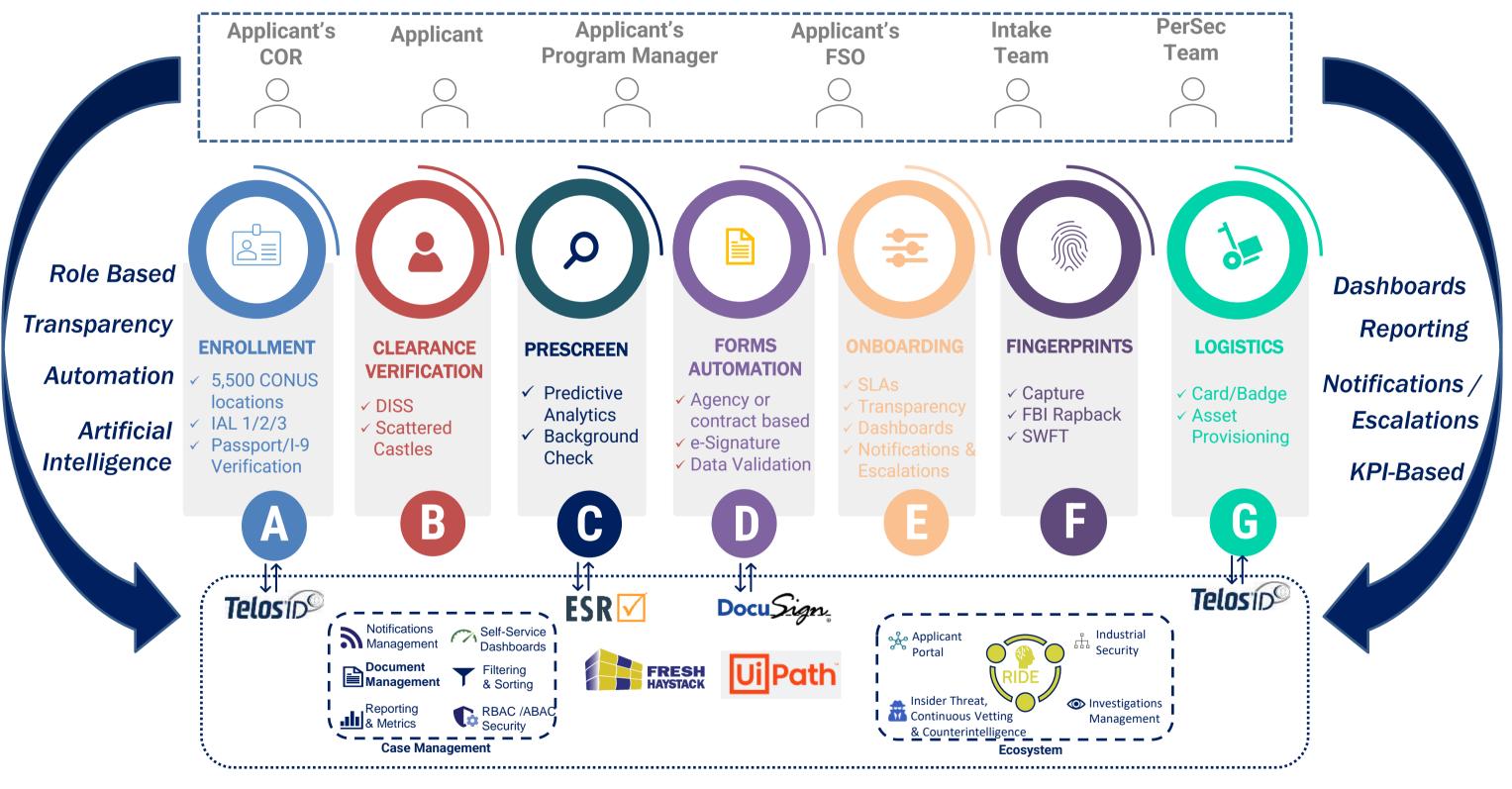


Testing & Validation

Evaluation & Integration, Integration and Real-World Testing, Documentation & Deployment



Automating an Applicant's Journey with Canda Fresh Haystack, UiPath Automation & Athena

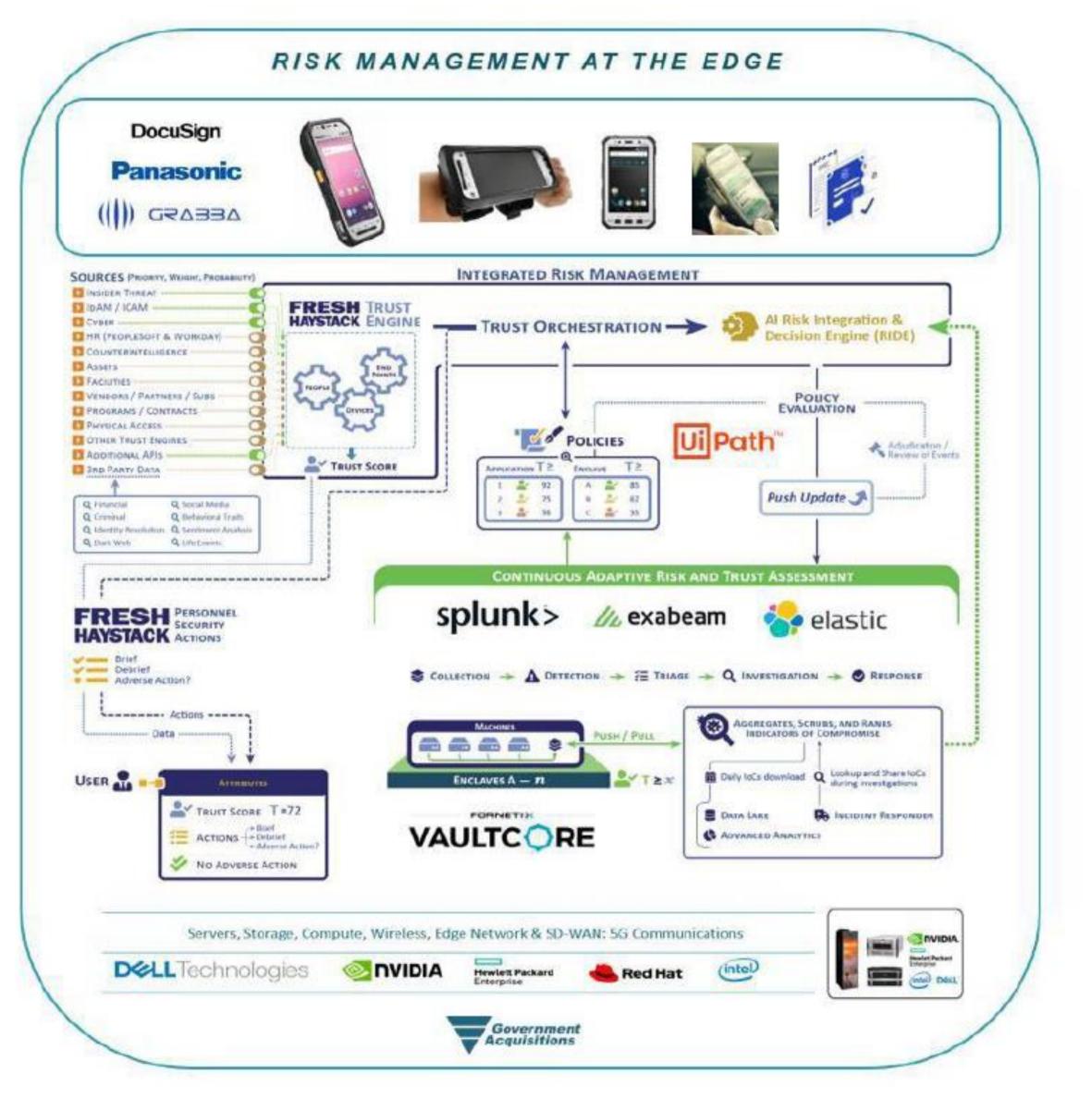






Risk Management At the Edge

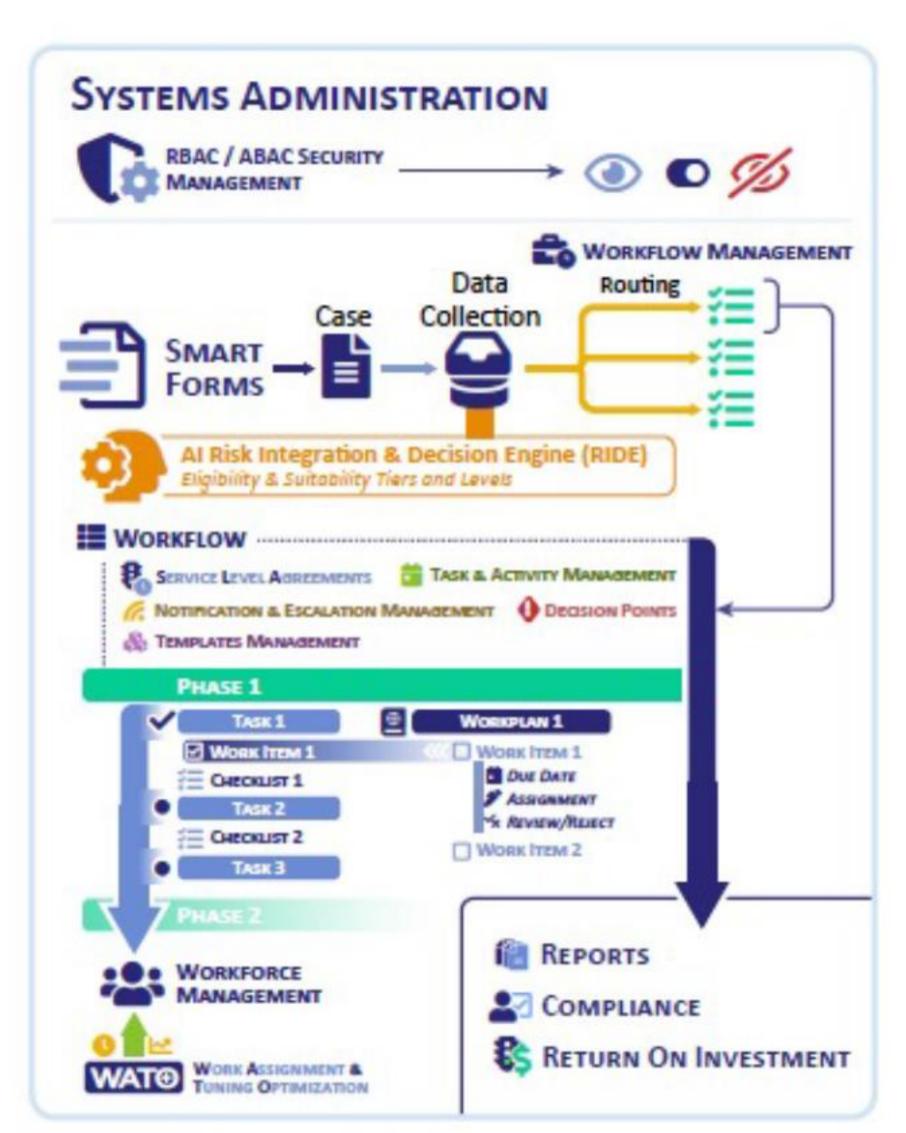
- End to end AI based Risk management platform with pre-configured workflows to manage all aspects of risks facing the National Security Agencies.
- It can be used by law enforcement agencies for automated background and crime investigation, personnel and passenger vetting, border and airport security, benefits, and entitlement distribution, continuous vetting of employees and insider threat management and to support national ID programs.
- Developed in collaboration with Canda Fresh Haystack, Panasonic, UiPath, Docusign and Fornetix, is a modern, integrated solution for handling complex security and risk management challenges at the edge.
- Canda Fresh Haystack offers case management platform and leverages trust orchestration to quantify human generated risk in a non-evasive manner with the goal of tracking mitigation opportunities across your agency.





Dedicated DNA. Mission Mindset.

Workflow Capability



Design

- Low code, drag and drop building environment Create simple or complex business rules Assign tasks and approvals

- Collaborate on tasks and requests
- Test run processes .
- Copy, export, version processes •
- Collaborate using freeform comments •

Workflow

- Create single, group, or multi-tiered approvals Run parallel or sequential flows Set up reminders, customizable notifications,
- and time-outs
- Create child processes, and external code extensions

Integrations

- Integrate processes with external databases of enterprise systems
- Rest-based open API (ServiceNow, Salesforce) Via UI Path, Push and pull data from a variety
- Document and Forms Signing via DocuSign Import/Export from PDF or Excel
- .

Sample Use Cases:

- Onboarding 1.
- Industrial / 2. Personnel Security
- Vetting 3.
- Compliance & 4 Governance
- Investigations 5. Management





Risk Management At the Edge

- The system integrates with multiple data sources (LexisNexis Risk Solutions, Thompson Reuters etc.) to provide a comprehensive risk profile, and quicker response to potential threats.
- It uses a Trust Engine to create a composite risk score called ulletTrust Score. Fresh Haystack delivers trust orchestration capabilities by dynamically assessing the risk of the user and device. This solution ties the aggregate Trust Score to the person since the person has access to critical agency information and items of value.
- This solution facilitates electronic enrollment streamlining the process of onboarding individuals into programs or systems. The system can track an individual's access to various benefits or entitlements, providing alerts for any anomalies that might indicate fraudulent activities.

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Example Risk Scorecard

IDENTIFY BASELINE



EVALUATE

Each Risk Stream is prioritized using a guided wizard, all issues are documented, audited, weighted and probability is added. The risk score is calculated for each risk stream and the total enterprise risk (eCARES) is a weighted mean of the individual risk streams.

PRIORITIZE

If eCARES surpasses the acceptable baseline (i.e. 85 in red higher than 80) then the system will prompt for mitigation steps and dates triggering creation of the Technology Security Plan version, allowing to track and report metrics and corporate risk over time.

Dedicated DNA. Mission Mindset.

"

MITIGATE

MONITOR

Enable risk management teams to move beyond yearly "risk management" checklists to make continuous, adaptive, and intelligent riskoptimized security control decisions.

"Seven Imperatives to Adopt a CARTA Strategic Approach" Gartner, Inc. | 3871363



AI Literacy Training for DoD Staff

Learn More

Hands-On Practical Approach To Generative AI and Machine Learning

This hands-on course in generative Al and machine learning equips professionals with key skills, including understanding generative Al principles, mastering machine learning techniques, addressing model challenges, and navigating ethical considerations. Participants gain practical skills for effective implementation in the DoD and federal mission areas.



Al For Project Managers and Human Resources

This course integrates AI into DoD project management and HR practices, emphasizing ethical use, practical applications, and strategy development. Designed for project and program managers, as well as HR professionals, it provides handson learning for immediate application in project management roles.



Featured Course

earn More

Responsible AI for Decision Makers and Agency Contracting Officers

This course is focused on the ethical, trustworthy, and responsible implementation of AI within the government agencies. It covers AI fundamentals, practical DoD use cases, generative AI technologies and large language models and delves into ethical considerations, risk management, bias and legal issues related to AI. This course aims to equip DoD personnel with the knowledge of the new AI technologies, tools, applications, and the associated risks to help make informed, ethical decisions in the acquisition, procurement and deployment of AI technologies and solutions in the military operations.





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Fundamentals of AI and Machine Learning, Applications, Challenges

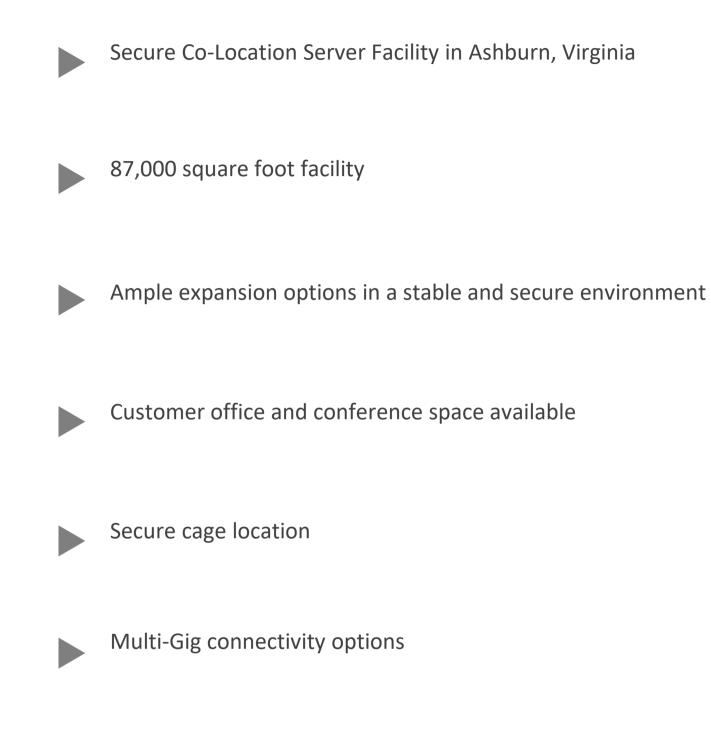
- Real world applications of AI and how AI is transforming the world around us.
- Common AI terminologies: AI and ML definitions, history, current state, goals, types of models.
- Describe Artificial Intelligence workloads and considerations.
- Steps to creating a data science pipeline (Fetching Data, Training the Model, Inferencing)
- Applied Computer Vision and natural language processing (NLP)
- Alignment of Al Solutions with DoD Al Principles including Responsible, Equitable, Traceable, Reliable, Governable.
- Importance of Labeling data for AI and how to scale data for AI.
- Overview of Supervised, Unsupervised learning and Reinforcement Learning.
- Adversarial AI / Attacks on AI & How to Overcome them
- Detecting and Preventing Model Hallucinations & Model Drift

- Responsible AI & Removing AI Model Bias
- Installing Guardrails on Generative AI and LLMs
- NIST RMF & ISO Standards for Generative AI
- AI Governance and Privacy Measures
- Fusion of RPA/Intelligent Automation with AI
- Generative Adversarial Networks or GANs — technologies that can create visual and multimedia artifacts from both imagery and textual input data.
 - Transformer-based models technologies such as Generative Pre-Trained (GPT) language models that can use information gathered on the Internet to create textual content.
- Overview of High-Performance Compute (HPC) and GPUs, highdensity racks, liquid cooling etc.
 - Examples of Commercial AI / HPC solutions – Nvidia, Dell, HPE, H2O. AI, Deepgram.AI, Alteryx etc.

GAI AI/ML/RPA **Innovation Lab**

Located in a Highly Secure QTS Data Center















HOW CAN GAI TEAM HELP?

- Deeper dive Market Research & Ideation Workshops
- Technology Evaluation and Vetting
- Proof of Concept in the RPA/AI/ML Lab
- Full Stack Solution Sizing and Deployment
- Augmenting your Automation & AI Capabilities
- Talent Management, Workforce Development
- Augmenting DoD Workforce with AI Literacy







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Dedication is in our DNA Mission is our Mindset

