

Alex Veerasammy

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SUMMARY

Technical leader with experience developing and advancing the adoption of artificial intelligence, machine learning, and data science solutions to address complex national security challenges. Combines expertise in applied AI, software development, and cross-functional collaboration to advance trustworthy AI, accelerate enterprise modernization, and deliver mission-focused capabilities.

EXPERIENCE

Office of the Director of National Intelligence (ODNI)

Data Scientist, National Counterintelligence and Security Center

03/25 – Current | GS-0132-12 | 40 hours/week

- Lead an AI team delivering capabilities supporting counterintelligence and security missions, including damage assessments, personnel security, and supply chain risk management.
- Drive enterprise AI adoption through technical mentoring, demonstrations, strategic planning, and dissemination of emerging AI research and best practices.
- Bridge AI research, policy, and mission needs by translating emerging technologies into actionable guidance for technical, operational, and executive audiences.

IC Security Officer, National Counterintelligence and Security Center

01/22 – 03/25 | GS-0080-12 | 40 hours/week

- Enabled diverse Intelligence Community counterintelligence and security missions by developing data solutions leveraging technical expertise and AI-driven analytics.
- Engineered a machine learning model addressing a complex ransomware challenge; the resulting analysis informed multiple high-level intelligence and policy support products.
- Designed and deployed mission AI capabilities, including domain-specific chatbots, retrieval-augmented generation (RAG) assistants, and automated transcription services.

Applied Research Laboratory for Intelligence and Security (ARLIS)

Summer Intern/Research Assistant, Intelligent Human Machine Systems Division

06/21 – 01/22 | 40 hours/week

- Researched opportunities and risks of open-source AI technologies on the IC for an ODNI-sponsored project in the Research for Intelligence & Security Challenges (RISC) program.
- Performed data science for ARLIS; recognized for exceptional performance through conversion from intern to Research Assistant and sponsorship for a Top Secret clearance.
- Co-authored a Carnegie Mellon Software Engineering Institute conference paper on software instrumentation to evaluate human-AI interaction and advance trustworthy AI.

AUTHORSHIP

Carnegie Mellon Software Engineering Institute

March 2022

"Deep System Instrumentation for In Situ Human-AI Interaction Measurement Within Complex Information Systems"

Authored by Joshua Poore, Ph.D., Alex Veerasammy, Amir Ghaemi, Grant Tamrakar, Kelsey Rassmann, and Craig Lawrence, Ph.D.

EDUCATION

Master of Science, Artificial Intelligence Expected May 2028, GPA TBD/4.000
George Mason University College of Engineering and Computing
Coursework: Advanced GPU Programming and Deep Learning, Reinforcement Learning

Graduate Certificate, Data Science in Intelligence Completed May 2026, GPA 3.925/4.000
National Intelligence University
Coursework: Data Science Applications, Data Science Tools & Techniques, Algorithmic Warfare

Master of Arts, Industrial-Organizational Psychology Completed May 2021, GPA 3.940/4.000
George Mason University College of Humanities and Social Sciences
Coursework: Advanced Statistics, Regression, Psychometrics, Big Data & Machine Learning

Bachelor of Arts, Forensic Psychology Completed June 2019, GPA 3.877/4.000
City University of New York John Jay College of Criminal Justice
Coursework: Programming, Statistics, Tests & Measures, Calculus I, Research Methods