JOHN PATRICK RYAN

Senior Financial Intelligence Analyst | CIA

Langley, VA | Security Clearance: TS/SCI | j.ryan@ucia.gov

PROFESSIONAL SUMMARY

Highly analytical CIA financial intelligence specialist with extensive military background and advanced quantitative skills. Proven track record in identifying complex financial patterns, terrorist funding networks, and emerging security threats through sophisticated data analysis. Former U.S. Marine with combat experience, bringing operational understanding to analytical work. Expert in financial modeling, algorithmic trading systems, and counter-terrorism finance.

PROFESSIONAL EXPERIENCE

Senior Financial Intelligence Analyst

2015 - Present

Central Intelligence Agency (CIA) - Langley, Virginia

- Analyze global financial transactions and banking patterns to identify terrorist funding operations
- Develop proprietary algorithms to detect anomalous financial activities across international markets
- Created predictive models that identified emerging terrorist cell funding in Yemen and Saudi Arabia
- Collaborate with NSA, FBI, and international intelligence partners on joint financial investigations
- Brief senior leadership and policymakers on financial intelligence findings and threat assessments
- Specialize in Middle Eastern financial networks and Islamic banking systems

Quantitative Analyst

2013 - 2015

Wall Street Investment Firm - New York, NY

- Developed high-frequency trading algorithms and risk management models
- Analyzed market trends and created predictive financial models
- Built automated trading systems processing millions in daily transactions
- Specialized in emerging market analysis and currency fluctuation patterns

Infantry Officer / Helicopter Pilot

2005 - 2013

United States Marine Corps

- Led combat operations in Afghanistan with multiple deployments
- Qualified military helicopter pilot with extensive flight experience
- Managed teams of 20+ Marines in high-stress combat environments
- Received Purple Heart for wounds sustained in combat operations
- Developed leadership, crisis management, and decision-making skills under pressure

EDUCATION

Ph.D. in Economics
Boston University - Boston, MA
Dissertation: "Economic Modeling of Terrorist Financing Networks"

Master of Business Administration (MBA)
Boston University - Boston, MA
Concentration: Finance and International Business

Bachelor of Arts in Economics
Boston College - Boston, MA
Magna Cum Laude, Phi Beta Kappa

TECHNICAL SKILLS

Programming & Analysis

- Python (NumPy, Pandas, SciPy)
- R Statistical Computing
- MATLAB Financial Modeling
- SQL Database Management
- Java Enterprise Applications
- C++ Algorithm Development

Financial Systems

- Bloomberg Terminal Expert
- Reuters Eikon Platform
- SWIFT Network Analysis
- FIX Protocol Trading
- Risk Management Systems

- Derivatives Pricing Models

Intelligence Tools

- Palantir Gotham Platform
- NSA's XKEYSCORE
- CIA's Analyst Workbench
- FININT Collection Systems
- Pattern Recognition Software
- Social Network Analysis

Languages & Regional

- Arabic (Conversational)
- Farsi/Persian (Basic)
- Middle Eastern Finance Expert
- Islamic Banking Systems
- Hawala Network Analysis
- Counter-Terrorism Finance

SECURITY CLEARANCES & CERTIFICATIONS

Active Security Clearances:
- Top Secret/Sensitive Compartmented Information (TS/SCI)
- Special Access Programs (SAP) Cleared
- Counter-Intelligence Polygraph Current

Professional Certifications:
- Certified Financial Risk Manager (FRM)
- Chartered Financial Analyst (CFA) Level III
- Certified Anti-Money Laundering Specialist (CAMS)
- Project Management Professional (PMP)

MILITARY HONORS & AWARDS

- Purple Heart Medal
- Bronze Star Medal with Combat "V"
- Combat Action Ribbon
- Afghanistan Campaign Medal (3 Service Stars)
- Marine Corps Good Conduct Medal
- National Defense Service Medal

NOTABLE ACHIEVEMENTS

- Identified and disrupted major terrorist financing operation through innovative algorithmic analysis
- Developed predictive model credited with preventing potential terrorist attacks
- Published classified research on evolving terrorist financing methodologies
- Recipient of CIA's Exceptional Performance Award (2017, 2019)
- Led cross-agency task force on cryptocurrency terrorism financing
- Guest lecturer at CIA University on financial intelligence methodologies