

JOHN P. WISHART

217 Walker Grove Lane | Lillington, NC 27546 | 910-489-6385

john.wishart450@gmail.com | [linkedin.com/in/john-wishart](https://www.linkedin.com/in/john-wishart) | github.com/johnnyCRF450

Current TS | SCI and ACCM eligible

Transformative leader and developer of innovative solutions. Expert at inter organizational communication and organizational change. Experienced in special operations in Europe, Africa, and the Middle East. Fully abreast of near-peer asymmetric threats and foreign influence across Eurasian and African continents.

DATA SCIENCE SKILLS

Object Oriented Programming in Python and R: Time Series Forecasting; Artificial, Recurrent, and Convolutional Neural Networks, Computer Vision, Deep and Reinforcement Learning, ARIMA, Association Rule Mining, Mathematical Modeling, Visualization with igraph networks, leaflet and folium maps

Natural Language Processing: LLMs, Transformers, BERT, Gemini, OpenAI, API, Named Entity Recognition, Part of Sentence Analysis Classification, using NLTK, PyTorch and Tensorflow

Statistical Analysis: Descriptive, Linear and Logistic Regression, Naive Bayes, Bayes Theorem, Markov Chain Monte Carlo Algorithms,

Data Cleaning: Exploratory Data Analysis, Principal Component Analysis, Discretization, Binarization

EMPLOYMENT HISTORY

Consultant

Innovatio AI LLC, Lillington, NC

May 2023 - Present

Freelance / Volunteer

Small business consulting responsible for all profit and loss and business development activities. Provides consulting support to private-sector technology start-ups. Conduct business assessments and develop new processes for the successful management and execution of data science projects.

- Crafted a PAI scraping tool kit culling named entity recognition, geolocation, time using time-series, and event-based data sets leveraging various neural networks and natural language processing to quantify sentiment over a given corpus and mapping impacts to critical transportation chokepoints and financial indicators.
- Developed landmine identification capability using Yolo8 image detection and convolutional neural networks submitted to NATO Innovation Challenge, "Revolutionizing Remote Explosive-Contaminated Area Recognition and Neutralization."
- Built a battery remaining useful life (RUL) estimator model using randomforest and SVM obtaining a cross-validation score of 99.9%.
- Carried out experiments, trained models, analyzed, and documented results to make recommendations regarding algorithm choice.
- Developed a predictive maintenance machine learning algorithm achieving 99.5% accuracy using logistic regression, support vector machines, and random forest models.

Director, Global Security

Premise Data, San Francisco, CA

October 2020 - December 2023

Responsible for \$18M annual strategic capture plan and business development with technical proposal writing, whitepapers, briefings, contract negotiations, contract awards, and execution. Oversaw 4x pipeline growth. Spurred international foreign military sales. Pursued regionally aligned forces supporting Special Operations Command (SOCOM), US Army Special Operations Command (USASOC), Cyber Command, Global Geographic Combatant Commands: NORTHCOM, SOUTHCOM, AFRICOM, EUCOM, and Theater Special Operations Commands: SOCNORTH, SOCSOUTH, SOCAFRICA, SOCEUR. Recruited for regional expertise in AFRICOM and SOCAFRICA conventional and special operations.

- Supported JSOC, EUCOM, AFRICOM, and CENTCOM with emergency management data collection during noncombatant evacuation operation (NEO) planning for Sudan, Israel, Lebanon, Ukraine, and Ethiopia.
- Drove climate change data collection via crowdsourced mobile application assessing platform.
- Secured a TRANSCOM-approved, SOCOM-funded food-energy-water supply chain data collection agreement assessing critical infrastructure, food, energy, and water supply chains; a teaming opportunity with several universities and tech start-ups.
- Invited to present contested logistics data analytics strategy to SOF Week Innovation Rally point.
- Oversaw crowdsourced realtime data collection and sharing during Naval Postgraduate School's experiment evaluating disaster response data from Haiti, Pakistan, and Turkey.
- Managed \$2.5M contract for US Army Europe and Africa and 21st Theater Sustainment Command synchronizing contracted support for operational planning shortfalls, limitations that impact their ability to perform their wartime mission, boosting public safety and security.
- Provided enhanced data collection, planning, and assessments during various EUCOM and AFRICOM exercises enabling after action reviews and effects monitoring.
- Executed Ukraine data collection supporting 18th Airborne Corps G39 joint effects assessments, emergency management, and disaster response operations.
- Oversaw data collection strategy and developed No-Strike List (NSL) analytical framework to minimize civilian casualties (CIVCAS) in Middle Eastern, African, and European combat zones.
- Surveyed more than 1500 contributors assessing military exercise messaging efficacy across in Cote D'Ivoire, Ghana, Nigeria, Benin, Burkina Faso, Senegal, and Mali results published in embassy cable.
- Employed natural language processing fusing time-series event, sentiment, geospatial, news, and conflict data with deep learning neural networks predicting friendly and adversary actions.
- Briefed JSOC Innovation Forum on supply chains and CYBERCOM's J9 technical outreach division on collateral telemetry data collection, including cellular and WIFI router characterization.
- Briefed Office of the Secretary of Defense, Acquisition and Sustainment, the Office of the Undersecretary of Defense for Intelligence and Security, US Department of Agriculture on energy, grain, and rare earth supply chains in Poland, Ukraine, and the DRC.

Senior Operations Director
Army Central Command, Shaw, AFB, SC

September 2017 - August 2020

Responsible for all Army Civil Affairs and Civil-Military Operations in the CENTCOM area of responsibility. Led a 34-member multidisciplinary team of information operations, fires, psychological operations, and administrative personnel. Oversaw \$5 million exercise, disaster response, and demining budget.

- Wrote, planned, executed, and evaluated multinational exercise EAGER LION 2018 and 2019 with USAID and the Jordanian National Center for Security and Crisis Management (NCSCM) incorporating humanitarian assistance data analytics and modeled impact on Jordan's information environment, critical infrastructure, assessed exercise with pre-planning, tests, critiques, and after action reviews.
- Spearheaded IO, PAO, and psychological operations (PSYOP) messaging and assessments during exercises and real world operations.
- Conducted sustainability analysis and Integrated Logistics Support Planning of US, Kuwaiti, and Jordanian operational requirements during exercises and contingency operations.
- Led Humanitarian Mine Action (HMA) project management and data collection strategies for Kazakhstan, Uzbekistan, and Tajikistan, including needs assessments, host nation gap analysis, risk analysis, recommended appropriate ARCENT missions, and information environment impacts.
- Served as Kuwait Chief of the Defense Cooperation Element – Kuwait and led 10 civilian and military personnel embedded within the Kuwaiti Ministry of Defense, overseeing NEO and disaster planning enhancing public safety and security.
- Oversaw a \$1.4M annual budget and recouped \$102M from the Kuwaiti government and led Office of Military Cooperation – Kuwait engagements with the Kuwaiti Chief of Defense (CHOD).
- Nominated to serve as ARCENT Liaison Officer to CENTCOM.

Managing Operations Director
Special Operations Command Africa, Stuttgart, Germany

September 2014 - September 2017

Responsible for all special operation force Civil Affairs, Psychological Operations, Cyber, Information Operations, and technical special activities in the AFRICOM area of responsibility. Led a team of 17 personnel and oversaw a budget of over \$10M.

- Established and oversaw project performance of a social media and cyber operations cell securing \$1.6M in seed funding fusing temporal, relational, geospatial data, and social media analytics, the first of its kind in SOCOM.
- Completed key infrastructure data geospatial sharing agreement with Medicine sans Frontiere Somalia Country Director to minimize civilian casualties establishing a deconfliction and notification system.
- Development Advisor, and USAID to mitigate the effects of the Airbase 201 (AB201), Agadez, Niger on the civil population.
- Executed HA/DR data collection and stabilization operations in the Lake Chad Basin sharing data with partner nation forces and USAID.
- Developed a stabilization strategy with AFRICOM Senior and Deputy Development Advisor, USAID OTI, and USAID West Africa Regional Peace and Governance Office (RPGO) to mitigate the effects of the Airbase 201 (AB201), Agadez, Niger on the civil population.
- Invited to provide the DoD and SOCAFRICA perspective on Countering Violent Extremism at USAID CVE conferences in Cypress and Ghana to understand capabilities, identify opportunities to reduce redundancy, and boost resource sharing.
- Co-developed FLINTLOCK 2017 senior leader seminar with USAID West Africa RPGO to bring together civic leaders from key West African countries to address the drivers of instability.
- Briefed US Ambassador to Libya and coordinated with Libya External Office's public diplomacy officers and USAID OTI country director to develop a humanitarian demining campaign.
- Supported United Nations Mine Action Service with mine risk education products.
- Planned stabilization operations with USAID OFDA and OTI following Joint Special Operations Command (JSOC) strikes and clearance of Sirte, Libya.
- Collaborated with deployed JSOC Task Force IO to synchronize messaging and effects in Libya.

Operations Director
95th Civil Affairs Brigade, Fort Bragg, NC

July 2009 - August 2014

Responsible for 330 personnel and \$25M budget supporting all SOF Civil Affairs operations in the AFRICOM and CENTCOM AORs. Recruited to lead battalion while commander was deployed.

- Oversaw transportation, in transit visibility, and dsustainment operations across six countries for 25 personnel, including ammunition, financial, medical resupply, and maintenance.
- Managed battalion and company-level financial management including equipment accountability, maintenance, budgetary annual requirements, forecasting, expenditures, and shortfall mitigation strategies, upwards of \$7 million annually.
- Collaborated with IO and MISO personnel synchronizing effects across time and space degrading West African violent extremist organizations.
- Managed civil affairs battalion training cycle with content design, implementation, and evaluation supporting CENTCOM CMSE missions and combat operations in Afghanistan using the military planning process.
- Led 32 Soldiers supporting Joint Special Operations Task Force - Trans Sahara (JSOTF-TS) TCMSE Civil Affairs Operations (CAO) in Mauritania, Morocco, Burkina Faso, Niger, Senegal, Mali, Nigeria, and Chad for two separate deployments supporting SOCAFRICA.
- Revitalized GIS and HA/DR data collection strategy boosting organizational and partner capacity.
- Crafted data collection strategy for long-range mitigation of political, economic, legal, social, and military issues associated with humanitarian assistance and stabilization operations.
- Created data sharing mechanism with Chadian Accion Civile Militaire to identify and degrade illicit trafficking routes from Libya after NATO strikes.

- Actioned data-informed transportation and distribution capability shortfalls between Malian Ministry of Health (MoH) capability gap and USAID humanitarian polio vaccine cold chain storage.

EDUCATION

Doctorate, Computer Science, Data Analytics, Colorado Technical University	2027
Master of Science, Applied Data Science, AI/NLP Syracuse University (GPA 3.85, graduate in June)	2024
Master of Science, Government Information Leadership, Cybersecurity National Defense University	2016
Master of Science, Defense Analysis Stabilization Operations, Naval Postgraduate School	2008
Bachelor of Arts, Political Science, University of Colorado at Colorado Springs	1996

TRAINING

Cyber Advance Support Operations (Social Media Exploitation and Analysis)	May 2017
Joint and Combined Warfighting School (JPME-II)	September 2014
Command and General Staff College (Senior Managerial Leadership School)	April 2012
Survive, Evade, Resist, Escape (SERE), High-Risk	April 2009
US Army John F. Kennedy Special Warfare Center and School, Civil Affairs Qualification Course (Special Operations Technical and Leadership School)	April 2009
US Army John F. Kennedy Special Warfare Center and School, Africa Regional Studies Course	February 2009
US Army John F. Kennedy Special Warfare Center and School, French Language Course	December 2008
Combined Logistics Captain's Career Course	May 2003
Transportation Officer Basic Course	December 1997