

Phuoc H. Nguyen

Operations Research | Data Systems | Applied AI
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Summary

Operations research analyst with 17+ years of Army and DoD experience turning complex data into decisions for senior leaders. Currently building the Decision Support Platform at USARD. Founder of SOLPIENT Research, an ongoing investment research system. Published AI researcher. TS/SCI cleared.

Core Skills

Analytics: Operations research, statistical modeling, simulation, predictive analytics, decision support

Data & Engineering: Python, SQL, R, Spark, ETL, APIs, data pipelines, automation

Platforms: AWS, Databricks, Docker, Git, Next.js, TypeScript, Supabase, PostgreSQL

Applied AI: LLM workflows, NLP, AI evaluation, intelligent agents

Experience

Analysis Branch Chief

Aug 2026 to Present

U.S. Army Recruiting Command (USAREC) / USARD

- Build the Decision Support Platform and its analytical workflows to help leaders act on mission data.
- Develop data systems and decision support tools for recurring mission requirements.
- Apply operations research, statistics, and automation to improve how leaders use data for decisions.

Data Operations Projects Lead / Data Scientist

Jul 2024 to Jul 2026

DoD Chief Digital & Artificial Intelligence Office (CDAO), Pentagon, Washington, D.C.

- Led DataOps work supporting decision support analytics for Joint Staff and Army senior leaders.
- Built and integrated secure data pipelines and analytics across multiple classification environments.
- Coordinated data platform, governance, and cloud integration efforts with mission and technical stakeholders.

Lead Operations Research Analyst

Sep 2021 to Jul 2024

Army Futures Command, The Research and Analysis Center (TRAC), Fort Leavenworth, KS

- Led predictive analytics, simulation, and statistical studies supporting Army modernization.
- Assessed force structure, readiness, and future concepts through wargaming and quantitative analysis.
- Delivered analysis to senior Army and congressional stakeholders.

Cryptologic Officer

Jun 2018 to Sep 2021

National Security Agency / U.S. Central Command

- Led intelligence and data teams supporting joint operational requirements.
- Improved collaboration and data sharing between NSA and CENTCOM mission partners.

Intelligence and Electronic Warfare Officer

2011 to 2018

U.S. Army

- Supported cyber, SIGINT, electronic warfare, and all-source intelligence missions in joint and forward environments.

Selected Work

SOLPIENT Research | Founder & Builder (*ongoing*)

Investment research system that preserves each thesis, tracks new evidence, and compares later outcomes with prior assumptions. Built with Next.js, TypeScript, Supabase, and PostgreSQL, using SEC filings and market data. In active development. [Live Site](#) | [GitHub](#)

Mission Tailor AI | Third Place, NDIA Hackathon 2025

Built a context-aware multimodal threat detection prototype during the NDIA Hackathon.

AI Text Summarization Research

Published research evaluating GPT-generated summaries and bias. [arXiv](#)

Education

MS, Computer Science, University of Colorado Boulder *In progress*
MS, Applied Statistics, Analytics, and Data Science, University of Kansas
MBA, University of Kansas
BS, Mathematics & Economics, Northern Illinois University

Credentials

TS/SCI Security Clearance with CI Polygraph | CompTIA Security+ | Fluent Vietnamese