Jarrod S. Shingleton
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EDUCATION

Civilian:

2012	MS	Applied Mathematics	Naval Postgraduate School
2007	MBA	Business Administration	University of Phoenix
2003	BS	Computer Science	Sam Houston State University

Military:

2015	Functional Area 49 Qualification Course	Fort Lee, VA
2013	Intermediate Leader Education	Correspondence
2010	Signal Captains Career Course	Fort Gordon, GA
2003	Signal Officers Basic Course	Fort Gordon, GA

PUBLICATIONS AND PRESENTATIONS

- Presa, M. "Analysis of malicious activity on U.S. Army networks." Master's thesis. Naval Postgraduate School. 2017. Second Reader.

- Harris, A. "Visualization and analysis of malicious traffic on U.S. Army networks." Master's thesis. Naval Postgraduate School. 2017. Second Reader.

- Connors, C. Shingleton, J. "Military Intelligence Force Structure Analysis Support." Technical Report, TRAC-M-TM-18-005, November 2017

- Shingleton, J. "Global Assessment Tool (GAT) Trend Analysis." Technical Report, TRAC-M-TR-18-012, January 2017.

- Shingleton, J. "Data Science Application and Tools for Military Operations Research Analysts." Talk given at 55th Annual Applied Operations Research Symposium.

- Shingleton, J. "Deployed Analyst Panel." Talk given at 55th Annual Applied Operations Research Symposium.

- Shingleton, J. "Cross Service Cost Estimation." Talk given at 54th Annual Applied Operations Research Symposium.

- Shingleton, J. "Cross Service Fixed-Wing Cost Estimation." Technical Report, TRAC-M-TR-16-021, May 2016.

- Shingleton, J. Success Indicators in the *USMA Advanced Core Mathematics Program*. Talk given at the Conference on Applied Statistics in Defense, October, 2014.

- Harris, P., Shingleton, J., Starling, J., & Thoma, C. *Success Indicators in the USMA Advanced Core Mathematics Program*. Published in the 2015 Joint Statistical Meetings proceedings.

- Vazulik, J. "Profile of Successful Learners in Beginning Russian Courses at the United States Military Academy." Provided the statistical analysis for the brief given at the 8th Annual Central Connecticut State University Conference for Language Teachers in New Britain, March 2014.

TEACHING EXPERIENCE

- Elementary Statistics. Monterey Peninsula College. Taught

- Advanced Data Analysis. Naval Postgraduate School. Taught for one term. 2020.

- Intermediate Algebra. Monterey Peninsula College. Taught for one term. 2018.

- Calculus II. United States Military Academy. Taught for two terms. 2012-2015.

- Probability and Statistics. United States Military Academy. Taught for four terms. 2012-2015.

- Applied Statistics. United States Military Academy. Taught for one term. 2012-2015.

- Game Theory. United States Military Academy. Taught for one term. 2012-2015.

EXPERIENCE

JUN 2019 to Present: **Data Scientist** (Data Science Center (DSC), Monterey, NETCOM, US Army)
- Lead military member for the DSC Monterey, a contingent of data scientists that work on network reliability and security focused problems for the US Army.

JUN 2018 to JUN 2019: **Data Science Fellow** (Verizon, Ashburn, VA)
- Resident Data Science Fellow working on emerging techniques and procedures with the data analytics department at Verizon Global Headquarters in Ashburn, VA.

DEC 2016 to JUN 2017: **Combat Analyst** (Afghan Assessments Group, RS-HQ, Kabul, Afghanistan)
- Data analyst for the Headquarters element of Operation Resolute Support. Created analysis directly for the RS Chief of Mission on operations in theater.

JUL 2015 to JUN 2019: **Combat Analyst** (TRAC Monterey, Naval Postgraduate School, CA)
- Operations analyst for the TRADOC Analysis Command (TRAC). Working on statistical analysis and research projects for various Army directorates.

JUL 2012 to JUL 2015: **Assistant Professor** (USMA, West Point, NY)
- Instructor in the Department of Mathematical Sciences, serving as instructor and team leader for MA 205 (Integral Calculus and Introduction to Differential Equations), MA 206 (Probability and Statistic) and course director for MA 488 (Game Theory) and MA 376 (Applied Statistics).

APR 2008 to FEB 2010: **Company Commander** (11th Signal Detachment, 41st Signal Battalion, 2nd Signal Brigade, Mannheim, Germany)
- Led Company of 60 soldiers and civilians. Set the EUCOM standard for COMSEC maintenance, secure transmission, and secure currier services. Company selected by DA to receive a Supply Excellence Award and had a flawless record in the transmission and receiving of Top Secret material from all of Europe.

NOV 2007 to APR 2008: **Operations Officer** (Phoenix Academy – Iraq (MNF-I), Taji)
- Coordinator for movement of Military Transition Teams (MiTT) throughout all of Iraqi Theater. Scheduled for final seven days of training for MiTT elements prior to executing their missions. Responsible for all VIP visits to Camp Taji training facility.

JUN 2006 to NOV 2007: **Secretary to the General Staff** (5th Signal Command, United States Army Europe, Mannheim, Germany)
- Responsible for planning and coordination for all business and social events held by the General Staff of 5th Signal Command. Also coordinated for all multicultural events to maintain relations between U.S. forces and the German authorities.

JUN 2005 to JUN 2006: **Assistant Operations Officer** (7th Signal Brigade, 5th Signal Command, Mannheim, Germany)
- Responsible for all operations orders for all field and deployment mission for the brigade. Directly briefed the Brigade Commander on all missions and coordinated for support of the missions.

JUN 2004 to JUN 2005: **Platoon Leader** (552nd Signal Company, 1st Signal Brigade, Camp Carroll, Korea)
- Led the headquarters platoon of the 552nd Signal Company, coordinating all training and missions for the company. Also in charge of all supplies and finances for the company.