

EVAN L. MUNSON

United States Army, Data Science (R1J) qualified Operations Research System Analyst, serving as the Chief, Data Science Operations in the NETCOM - Data Science Directorate.



EDUCATION

2016–
2018

Air Force Institute of Technology

M.S in Operations Research, Certificate in Data Science

📍 Dayton, OH

2011–
2012

Missouri University of Science and Technology

M.S. in Engineering management

📍 Rolla, MO

2001–
2006

The University of Arizona

B.S. in Civil Engineering

📍 Tucson, AZ



WORK EXPERIENCE

2021–
Present

Chief, Data Science Operations

Network Enterprise Technology Command

📍 Fort Huachuca, AZ

- Leads the development and management of organizational functions, processes, and tools to support the operationalization of data science in NETCOM.
- Applies methods from operations research, project management, systems analysis, and data science to perform assessments of key issues that affect the Army's strategic and operational-level networks.
- Leads officers, NCOs, and civilians from across the directorate and NETCOM staff to develop and implement solutions to increase the effectiveness and efficiency of the command.

2018–
2021

Data Scientist

Network Enterprise Technology Command

📍 Fort Huachuca, AZ

- Data Science (R1J) qualified Operations Research System Analyst, serving as a data scientist in the NETCOM - Data Science Directorate.
- Responsible for multiple data science efforts, including predictive, prescriptive, and statistical modeling.
- Developed multiple R packages and Shiny applications.



Operations Research System Analyst, Data Scientist

CONTACT INFO

✉ Email

🐙 GitHub

🔗 GitLab

in LinkedIn

🐦 Twitter

📞 +1 520 454 7144

SKILLS

- Experienced in R and RStudio with emphasis on the Tidyverse.
- Experienced in communicating to scientific and general public.
- Shiny applications
- Package development
- Github and GitLab
- Microsoft Office Tools
- Project Management

*This resume was made with the R package **pagedown**.*

Last updated on: 09 August 2022.

2015–
2016

Engineer Planner

US Army Special Operations Command

📍 Fort Bragg, NC

- Deputy Chief of Staff Construction Officer for the United States Army Special Operations Command (USASOC) that generates and sustains Army Special Operations Forces to conduct worldwide Special Operations.
- Responsible for the knowledge management of over 80GBs of organizational digital files on both unclassified and classified systems.
- Responsible for the development and implementation of a new set of digital SOPs to govern the engineer sections digital files

2014–
2015

Company Commander

100th EN CO (T), 30th EN BN, 20th EN BDE

📍 Fort Bragg, NC

- Responsibility to provide Geospatial Information and Services (GI&S) to strategic, operational, tactical and JIIM organizations.
- Plans, coordinates and executes both technical and tactical training for 118 Soldiers, NCOs and Officers.
- Recognized as being within the top seven of thirty leaders in the same peer group.

2014

Assistant Operations Officer

27th EN BN (C)(A), 20th EN BDE

📍 Fort Bragg, NC

- Battalion Assistant Operations Officer for a Global Response Force, Combat Airborne Engineer Battalion of over 900 Soldiers.
- Prepares detailed plans which support execution of training events and assigned battalion missions.
- Oversees Battalion level training meetings and coordinates directly with seven subordinate level commanders to ensure all training requirements are met.

2012–
2014

Real Property Manager

133rd CMT, 30th EN BN, 20th EN BDE 📍 Fort Bragg, NC / Afghanistan

- Construction Management Team, Real Property Officer and Facilities/Contract Construction Management Engineer (FCCME) for a 4,500 Soldier functional engineer brigade capable of deploying anywhere in the world within 96 hours to support XVIII Airborne Corps contingency missions or other Unified Commands requirements.
- Deployed in support of Operation Enduring Freedom (Afghanistan) and planned the de-construction of ~150 bases with the CENTCOM Material Recovery Element (CMRE) to ensure the responsible retrograde of US forces from Afghanistan.

2010–
2012

Battalion Operations Officer

1-68 AR, 3ABCT, 4ID

📍 Fort Carson, CO / Iraq

- Battalion Engineer, Force Protection Officer and Linguist Manager for a Combined Arms Battalion of over 900 authorized armor, infantry, engineer and support Soldiers.
- Responsible for the coordination and planning of all engineer related tasks and operations in Basra Province.
- Responsible for coordination and synchronization with subordinate companies and Brigade Headquarters for all engineer related tasks and missions.

2009-
2010

Company Executive Offiver

E Co, 1-68 AR, 3ABCT, 4ID

📍 Fort Carson, CO / Iraq

- Executive Officer of a 102 Soldier Combat Engineering Company deployed to Operation Iraqi Freedom 10; coordinates all mobility, countermobility, survivability and general engineering support for Battalion Task Force 1-68.
- Responsible for managing and tracking the company's operations, training, supply, CBRN and arms room; coordinates all longs and short range training requirements and resources; assists in planning and executing company deployments and redeployment.

2007-
2009

Platoon Leader

E Co, 1-68 AR, 3ABCT, 4ID

📍 Fort Carson, CO / Iraq

- Platoon leader of a 26 Soldier mechanized, divisional combat engineer platoon.
- Responsible for the readiness, training, morale, safety and welfare of 16 Soldiers and 10 Non-Commissioned Officers, and their families.
- Direct and supervise mobility, countermobility, survivability, sustainment operations; and training support to a combined arms team during offensive and defensive operations for Task Force 1-68 Combined Arms Battalion



SELECTED PRESENTATIONS

2018

Determining Twitter Users Opinions using R

INFORMS Annual Meeting

📍 Phoenix, AZ

- Session SC52 - [Section Leaders & Research on Opinions and Facts](#).



SELECTED PUBLICATIONS

2021

Sentiment Analysis of Twitter Data v0.3.0

E. Munson, C. Smith, B. Boehmke, and J.Freels, saotd: sentiment analysis of twitter data, 2021. R package version 0.3.0. <https://github.com/evanlmunson/saotd>

2019

Sentiment Analysis of Twitter Data (saotd)

E. Munson, C. Smith, B. Boehmke, and J.Freels, (2019). [doi:10.21105/joss.00764](https://doi.org/10.21105/joss.00764)

2019

Sentiment Analysis of Twitter Data v0.2.0

E. Munson, C. Smith, B. Boehmke, and J.Freels, saotd: sentiment analysis of twitter data, 2019. R package version 0.2.0. <https://github.com/evanlmunson/saotd>

2018

Sentiment Analysis of Twitter Data

Munson, Evan L., Theses and Dissertations. 1853. <https://scholar.afit.edu/etd/1853>