

EVAN L. MUNSON

United States Army, Data Science (R1J) qualified Operations Research System Analyst, serving as a data scientist 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

- 2018–Present • **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.
- 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.



Operations Research System Analyst, Data Scientist

CONTACT INFO

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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

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

Last updated on 2022-06-21.

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

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

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/evanmunson/saotd>

2018



Sentiment Analysis of Twitter Data

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