

# 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 📍 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 2021-09-14.*

- 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 Officer**  
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/evan-l-munson/saotd>

2018



### **Sentiment Analysis of Twitter Data**

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