Noah Britt

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Clemson, SC

EDUCATION

Bachelor's Degree, Computer Science — Clemson University
GPA: 3.93 — December 2022

Minor, Global Politics — Clemson University
GPA: 3.93 — December 2022

Master's Degree, Computer Science — Clemson University
Current GPA: 3.59 — May 2024

WORK EXPERIENCE

Researcher, Clemson University WEAVE — January, 2021 – present

I was part of the WEAVE NSF Project (Preparing the Future Workforce for the Era of Autonomous Vehicles), a grant specializing in sociological research on workforce impacts of autonomous vehicles. I specialized in quantitative data analysis using machine learning and clustering-based topic modeling to aggregate and analyze thematic social media data, specifically data on public and within-industry views in the transportation industry towards autonomous adoption. I also utilized network graph theory with qualitative and quantitative data collection for analysis of social networks to complement existing structured and unstructured models.

Product Strategist, Dream Center — June, 2020 – present

In addition to being based in and working in one of the resale stores, I used various models to predict future growth and seasonal changes for planning product deployments. I also applied transportation logistics algorithms to improve the organization's method for truck pickups and deliveries.

Data Scientist, Clemson Social Media Listening Center — January, 2020 – January, 2021

I worked on Python Programs to automate social media mining and analysis. I applied network graph theory to create specialized analyses for individual industry and government clients, and created visualization programs for real-time Twitter analysis of key "hot point" events.

SKILLS

Social network analysis, network graph analysis, topic modeling, data science, web design, machine learning, visualization, data mining, Microsoft Azure and Office suites, Amazon AWS

Proficient in Python, HTML, CSS, Javascript, SQL, Java, C#, C++

PUBLICATIONS AND CONFERENCES

Agrawal, S., Schuster, A., Britt, N., Liberman, J., Cotton, S. (2020) Expendable to essential? Changing perceptions of gig workers on Twitter in the onset of COVID-19. *Information, Communication & Society, 1-20*

Agrawal, S., Schuster, A. M., Britt, N., Mack, E. A., Tidwell, M. L., & Cotten, S. R. (2023). *Building on the past to help prepare the workforce for the future with automated vehicles: A systematic review of automated passenger vehicle deployment timelines*. Technology in Society, 72, 102186. https://doi.org/10.1016/j.techsoc.2022.102186

Britt, N., Henderson, W., (2021) There is No Such Thing as Bad Publicity: Analyzing Elections in the Social Media Age. *CSCA 2021 Undergraduate Honors Research Conference*

Britt, N., Schuster, A., Agrawal, S., Chang, C., Van Fossen, J., Mack, E., Cotton, S. (2024) Truck Drivers and Autonomous Trucks: A Topic Modeling Analysis of Truck Driver Posts. *119th ASA Annual Meeting.*

Montreal, Canada.
Britt, N., Sierra-Rivera, J., Henderson, W. (2021, January 26). Insurrection at the Capitol. *Medium.* https://willjhenderson.medium.com/insurrection-at-the-capitol-df49154eec52
Britt, N., "We" the People: A Semantic Network Analysis of Donald Trump's Twitter Posts and its Implications for Modern Populism. Working Paper.
Kowalski, R. M., Deas, N., Britt, N., Richardson, E., Finnell, S., Evans, K., Carroll, H., Cook, A., Radovic, E., Huyck, T., Parise, I., Robbins, C., Chitty, H., & Catanzaro, S. (2023). Protection Motivation Theory and Intentions to Receive the COVID-19 Vaccine. *Health Promotion Practice, 24(3),* 465–470. https://doi.org/10.1177/15248399211070807
Sperry, D., Schuster, A. M., Cotten, S. R., Agrawal, S., Mack, E., Britt, N., & Liberman, J. (2022). Trucking in the Era of COVID-19. *American Behavioral Scientist*. https://doi.org/10.1177/00027642211066039

AWARDS

Lockheed Martin CodeQuest Advanced Division 2nd Place Award (2018) - Led a team of three to create a set of custom script solutions for predetermined problems, competing against approximately 25 opposing teams
CyberPatriot Competition State Second Place (2019) - Captain for a team of four who worked to secure a computer from both internal and network-based vulnerabilities
CUHackIt HelloWorld (2019), Hack for the People (2020) First Place- Worked with a team to develop a web-based application to facilitate buying and adding to a food pantry