

NICK UHORCHAK

PhD Student at the University Of Arkansas, Department of Industrial Engineering. Army ORSA, having served in various roles from budget analyst, to data scientist, at Joint and Army level commands.

EDUCATION

- 2026
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2023
- Ph.D., Industrial Engineering**
University of Arkansas 📍 Fayetteville, Arkansas
 - PhD student, currently researching pediatric vaccine tender scheduling, utilizing mixed integer linear and stochastic optimization.
 - Inducted into Alpha Pi Mu, the Industrial Engineering Honor Society.
 - M.S., Operations Research**
Air Force Institute of Technology 📍 Wright Patterson AFB, OH
 - Thesis: An Analysis of Incomplete SOCOM Selection Data (Distribution Statement D). Thesis focused on predictive modeling for Air Force Special Operations Command selection and training pipeline.
 - Inducted into Omega Rho, Institute for Operations Research and Management Science Honor Society
 - Applied Statistics Track Data Science Certificate
 - B.S., Information Technology**
United States Military Academy 📍 West Point, NY
 - Selected as one of three MVPs during execution of the Cyber Defense Exercise, for performance as team leader in the larger group project

INDUSTRY EXPERIENCE

- 2023
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2021
- Data Scientist**
Network Enterprise Technology Command (NETCOM) 📍 Fort Huachuca, AZ
 - Data Scientist in Network Operations Analysis Division, Data Science Directorate.
 - Responsible for data aggregation, cleaning, and transformation for endpoint discovery, management, and analysis.
 - Responsible for the generation and start of an asset inventory management tool, to catalogue US Army endpoints on the DODIN-A.

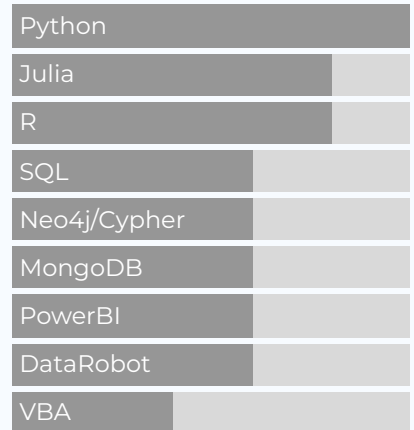


View this CV online with links at <https://nuhorchak.github.io/>

CONTACT

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LANGUAGE SKILLS



Made with the R package [pagedown](#).

The source code is available on github.com/nuhorchak/resume.

Last updated on 2024-10-29.

2021
|
2018



ORSA / Data Scientist

US Special Operations Command (SOCOM)

📍 MacDill AFB, FL

- Data Science (R1J) qualified Operations Research Systems Analyst, serving as an data scientist in a combatant command headquarters.
- Responsible for multiple data science efforts, including predictive, prescriptive and statistical modeling
- Rated top junior data scientist in the organization, and commended for performance beyond current pay grade



SELECTED PUBLICATIONS, POSTERS, AND TALKS

2024



Pediatric Vaccine Tender Scheduling in Low and Middle Income Countries

<https://arxiv.org/abs/2403.07755>

📍 IISE Conference Proceedings

2024



A Stochastic Optimization Model for Scheduling Tenders for Pediatric Vaccines in Low- and Low-Middle-Income Countries

📍 Planned Publication

2024



Pediatric Vaccine Tender Scheduling in Low and Middle Income Countries

Little Rock, AR

📍 Arkansas Bioinformatis Consortium

2024



Pediatric Vaccine Tender Scheduling in Low and Middle Income Countries

Montreal, Canada

📍 IISE Annual Conference

2024



Pediatric Tender Scheduling Under Uncertainty

Seattle, WA

📍 INFORMS Annual Conference

Academic presentations and publications



HONORS RECEIVED

2024



Alpha Pi Mu Honor Society

Industrial Engineering

📍 University of Arkansas

- Inducted into Alpha Pi Mu, for distinguished graduate achievement.

2019



R1J (Data Science) PDSI

US Army

📍 US Army

- Awarded the Personnel Development Skill Identifier (PDSI) R1J for Data Science

2018



Omega Rho Honor Society

INFORMS

📍 AFIT

- Inducted into Omega Rho Honor Society for academic excellence through GPA greater than 3.75

Academic achievements