NICK UHORCHAK

I have worked on a variety of data science and operations research projects, ranging from simple statistical analysis to predictive modeling. I am currently working on a robust team of data scientists, computer scientists, and data engineers to harness the volume and velocity of Army NETCOM data.

🎓 EDUCATION

2018
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2016

M.S., Operations Research

Air Force Instituite 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, Instituite for Operations Research and Management Science Honor Society
- Applied Statistics Track Data Science Certificate

2008
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2004

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

Current
|
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 to support G3.

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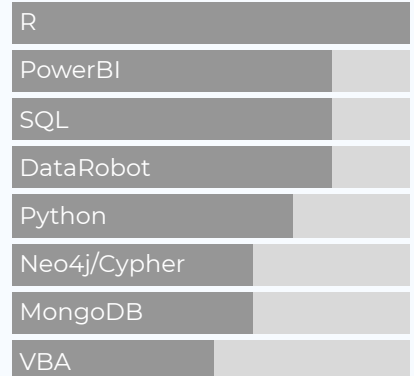
View this CV online with links at
https://nuhorchak.github.io/

CONTACT

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🐦 nuhorchak

⊙ github.com/nuhorchak/

🔗 nuhorchak.github.io/

in linkedin.com/in/nicholas-uhorchak/

LANGUAGE SKILLS

Skill	
R	
PowerBI	
SQL	
DataRobot	
Python	
Neo4j/Cypher	
MongoDB	
VBA	

💼 OPERATIONAL EXPERIENCE

2016
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2014
Company Commander
1-63 AR, 2ABCT, 1ID
📍 Fort Riley, KS

2014
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2013
Brigade Planner
2ABCT, 1ID
📍 Fort Riley, KS

2013
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2012
Division Training Officer
1ID
📍 Fort Riley, KS

2011
|
2009
Platoon Leader
2-7 CAV, 4ABCT, 1CD
📍 Fort Hood, TX

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📈 SELECTED DATA SCIENCE WRITING

2020
Writing Efficient Code – Part 1
https://dscoe.org
📍 https://github.com/nuhorchak/blogs/tree/master/writing_efficient_code_p1

· 1 of 3 part blog discussing how to write optimal code. This section focuses on the basic data constructs used in the R programming language, and how they can be used to write better (faster) code.

2020
Writing Efficient Code – Part 2
https://dscoe.org
📍 https://github.com/nuhorchak/blogs/tree/master/writing_efficient_code_p2

· 2 of 3 part blog discussing how to write optimal code. This section focuses on the basic data constructs used in the python programming language, and how they can be used to write better (faster) code.

2020
Writing Efficient Code – Part 3
https://dscoe.org
📍 https://github.com/nuhorchak/blogs/tree/master/writing_efficient_code_p3

· 3 of 3 part blog discussing how to write optimal code. This section compares R and Python, and discusses how utilizing the native data constructs in each language gains efficiency, speed, and memory usage.

These blogs represent interesting topics that presented themselves during an operational project.