

Matthew Guilloty

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<https://gattmuilloty.github.io/>

Work Experience

Data Analyst

Naval Sea Systems Command (NAVSEA), Department of Defense • Virginia Beach, VA

- Configuration Management Intern: December 2023 – September 2024
- Full-Time Data Analyst: September 2024 – Present

Provide technical expertise in automation and data analysis to ensure the successful integration and configuration of Integrated Combat Systems (ICS) across a variety of naval platforms. Analyze ship change documents (SCDs) for compatibility and develop tools to streamline Configuration Management (CM) workflows. Conduct data-driven assessments and provide recommendations to Program Executive Offices (PEOs) on capability implementations for AWS, SSDS, ICS, and AtWS programs.

Sales Technician

Navy Exchange Service Command (NEXCOM) • Norfolk, VA

- June 2021 – November 2023

Responsibilities include data entry, utilizing various systems for inventory management and optimization, tracking records, conducting in-depth competitor analysis, and processing high-volume transactions using financial software systems.

Instructor

Mathnasium • Virginia Beach, VA

- May 2019 – June 2020

Tutor and teach fundamental math skills from grades K-12. Responsibilities include checking assignments to ensure they are correct, teaching new techniques to solve problems, talking to parents about how their children performed during their session, and keeping records of progress for each individual student.

Education

MS in Data Science and Analytics, Old Dominion University, 2023 – 2024

- Concentration in Machine Learning and Artificial Intelligence
- Cumulative GPA of 3.67

BS in Applied Mathematics, Old Dominion University, 2018 – 2022

- Minor: Computer Science
- Cumulative GPA of 3.23

Technical Skills

- Programming / Scripting Languages: C++, Python, Java, R, VBA, PHP
- Data Analysis Tools: SQL, SAS, MATLAB, Excel
- Data Visualization Tools / Platforms: Tableau, Power BI, Matplotlib
- Big Data / Databases: Apache Spark, MongoDB
- Cloud Platforms: AWS Comprehend, Microsoft Azure