

# Nicholas R. Shuckerow (SECERT CLEARANCE)

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## SUMMARY

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Experienced Systems Engineer with a strong background in data analysis, project management, and operational efficiency improvements. Proven ability to lead technical teams, manage large-scale projects, and innovate solutions in dynamic environments. Seeking to leverage my experience in data engineering and project management in the role of Manager of Data Engineering at NBCUniversal.

**Certifications:** Microsoft Excel Expert, Engineer Intern (IE), SolidWorks Associate – Mechanical Design, Lean Six Sigma Green Belt, DAU Systems Engineering, SolidWorks Sheet Metal, SolidWorks Weldments

**Technical Skills:** Excel (advanced), SolidWorks (advanced), AutoCAD (proficient), MATLAB (proficient), JIRA (proficient), Python (advanced), R (proficient), SQL (proficient), PowerBI (intermediate), Creo (proficient)

## EXPERIENCE

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**Senior Systems Engineer**, Raytheon, Tucson, Arizona 01/2023 – Present

*Innovate unique solutions to accomplish successful testing of complex missile systems.*

- Innovate and develop data-driven solutions in python for complex missile systems testing and operational efficiency.
- Design sustainable test equipment to test various radio frequencies for programs of record funded by the DoD.
- Lead projects focusing on advanced weapon capabilities, integrating data analytics and Agile workflows.

**Additive Manufacturing Liaison**, Marine Corps (Reserves), Marine Innovation Unit 04/2022 - Present

*Explore additive manufacturing capabilities within the DoD and commercial sectors to bring new capabilities to the Marines.*

- Determine new methods to bring additive and advanced manufacturing methods to the warfighter.

**Principal Systems Engineer**, Northrop Grumman, San Diego, California 08/2022 – 01/2023

*Lead the H-1 Lead Technical Integrator team with design systems engineering requirements.*

- Define testing requirements for H-1 and Future Vertical Lift qualification testing.
- Create Interface Control Models in NX to ensure all designs meet their specific parameters.

**Operations Officer**, Marine Corps, MCRD San Diego, California 01/2020 – 08/2022

*Led 20-person team responsible for initial processing, academic, aquatic, martial arts, and medical rehabilitation operations of over 12,000 recruits a year entering the Marine Corps.*

- Developed new academic, aquatic, and administrative lesson plans to bring new technology and teaching ideologies to Marine Corps basic training.
- Designed and created an automated signature routing system in PowerBI and Power Automate which decreased monthly paper usage 80%.

**Aircraft Maintenance Officer**, Marine Corps, MCAS Miramar, California 06/2017 - 01/2020

*Responsible for the maintenance of V-22, CH-53, AV-8B, H-1, and RQ-21 aircraft and managing 300 personnel while deployed.*

- Planned and prioritized both scheduled and unscheduled maintenance inspections through complex analysis of average completion time, aircraft needing maintenance, and the flight schedule.
- Procured and tracked all requisitions for aircraft components, resolving supply chain issues to expedite delivery and incorporating Lean Six Sigma experience and knowledge from Advanced Aircraft Maintenance Officer courses.

## EDUCATION

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**Bachelor of Science, Mechanical Engineering** 09/2012 - 05/2016

Norwich University, Vermont, Magna Cum Laude

**Masters of Science, Business Analytics** Present – 12/2024

University of California – San Diego, California

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