

Narion Tuft-Williams

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Professional Summary

Dynamic and detail-oriented professional with extensive experience in advanced machining, manufacturing processes, and leadership roles. Expertise in CNC programming, process improvement, and team management within high-stakes environments. Committed to achieving operational excellence and mentoring the next generation of skilled professionals.

Education

Bachelor of Science in Leadership *(In Progress)*

Old Dominion University | Norfolk, VA

Apprenticeship Certificate – Machinist *(Expected March 2024)*

The Apprentice School | Newport News, VA

- **Relevant Coursework:** CNC Theory, Machine Shop Theory

Associate of Science – Mechanical Engineering *(May 2019)*

Tidewater Community College | Portsmouth, VA

- **Relevant Coursework:** Calculus I, II, III; Differential Equations; Strength of Materials; Engineering Physics I & II; Chemistry I & II
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Professional Experience

Machinist Foreman / Craft Instructor

Newport News Shipyard | April 2024 – Present | Newport News, VA

- Supervise and train machinist apprentices in CNC and manual machining processes, including horizontal boring mills, lathes, vertical milling centers, and programming techniques.
- Conduct theory-based and hands-on training in CNC and machine shop principles to develop the workforce.
- Provide mentorship and ensure apprentices meet organizational and industry standards for machinist proficiency.

Assembly Foreman

Newport News Shipyard | July 2023 – April 2024 | Newport News, VA

- Directed manufacturing, installation, and testing major weapon components for VCS and Columbia-class submarines.
- Specialized in torpedo tube assembly and submarine hydraulic systems, ensuring adherence to quality standards.
- Managed skilled trade teams, setting priorities, allocating resources, and aligning operations with strategic goals.

Long-Term Make-Up Foreman

Newport News Shipyard | March 2023 – July 2023 | Newport News, VA

- Supervised operations across CNC lathes, mills, and multi-axis machinery in the RM shop and Main Machine Shop.
- Participated in the BCG pilot program, implementing process improvements to optimize production efficiency and reduce costs.

Machinist Apprentice

Newport News Shipyard | May 2019 – June 2023 | Newport News, VA

- Operated engine lathes, horizontal boring mills, slotters, and milling machines with precision and expertise.
- Developed comprehensive knowledge of engineering principles and Siemens NX CAD/CAM software for modeling, drafting, and toolpath creation.

M53 Shop Planner (Special Rotation)

Newport News Shipyard | July 2022 – January 2023 | Newport News, VA

- Coordinated with vendors and managed multiple SAP transactions to streamline operations.

Front-End Supervisor

Kroger Marketplace | August 2014 – September 2019 | Portsmouth, VA

- Provided leadership and training to store associates, enhancing customer service delivery and operational efficiency.
- Spearheaded strategies to optimize sales promotions and minimize loss, ensuring store profitability and customer satisfaction.

Skills

- CNC Programming and Machine Operation
- CAD/CAM Proficiency (NX CAM, AutoCAD)

- Process Improvement and Strategic Planning
 - Team Leadership and Training Development
 - Proficient in Microsoft Office Suite (Excel, Word, PowerPoint, Outlook)
 - Knowledge of SAP, SWIMS, CYPRESS, and JT2GO
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Certifications & Affiliations

- Newport News Shipyard Front Line Fast Program (March 2023)
 - Member, Tidewater Community College STEM Club (Since August 2016)
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Interests

- Automotive Mechanics: ECU programming, forced induction systems, and drivetrain repairs.
- Process Innovation and Technology Integration in Manufacturing.