

# Daniel BrzezinskiRockwell

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## Summary

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Dedicated undergraduate physics student with hands-on experience in nuclear systems and a strong foundation in complex technical operations. Proven ability to troubleshoot and maintain equipment, perform data analysis, and contribute to team-driven research environments. Looking to apply my expertise and academic knowledge to support cutting-edge laboratory work in physics.

## Experience

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### United States Navy

#### Machinist Mate - Nuclear Supervisor | 08/2015 - 08/2024

- Operated and maintained complex nuclear and non-nuclear systems, including electrical generation and steam propulsion.
- Performed preventative and corrective maintenance on over 1,500 network components, ensuring the continuous operation of mission-critical systems.
- Led teams in troubleshooting technical issues, ordering parts, and overseeing repair procedures.
- Managed hazardous materials strictly adhering to safety regulations, including storage, inspection, and disposal.
- Conducted regular equipment inspections, maintaining detailed logs of system performance and troubleshooting efforts.
- Completed extensive training in nuclear power operations, reactor engineering, and safety protocols.

## Education

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### Old Dominion University | Norfolk, VA

#### Astrophysics | 05/2027

- Currently completing courses in physics, ordinary differential equations, and history.

### Naval Nuclear Power Training Unit | Ballston Spa, NY

#### Nuclear Operator | 06/2017

- Trained in communications, physics, mechanical systems, and nuclear power plant operations.

### Naval Nuclear Power Training Command | Goose Creek, SC

#### Naval Nuclear Power | 07/2016

- Completed courses on atomic and nuclear physics, fluid dynamics, chemistry, reactor engineering, thermodynamics, and safety protocols.

### Machinist Mate Nuclear Field 'A' School | Goose Creek, SC

#### Mechanics | 11/2015

- Studied basic machinery, industrial safety, and mechanical systems.

## Skills

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Detailed Record Keeping and Reporting, Physics and Laboratory Techniques, Data Collection and Analysis, Laboratory Equipment Troubleshooting, Safety Protocols and Hazardous Material Management, Problem Solving and Critical Thinking, Equipment Maintenance and Troubleshooting, Team Collaboration and Leadership

## Awards

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Navy and Marine Corps Commendation Medal