

# TITUS WADE JOHNSON

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## EDUCATION

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**Dartmouth College**, Hanover, NH

**June 2027 (BA); June 2028 (BE)**

*Bachelor of Arts, Major in Mechanical Engineering; Minor in Government*

*Bachelor of Engineering, Mechanical Engineering*

GPA 3.76/4.00

Honors/Awards: Citation for Meritorious Academic Performance, Dartmouth Rockefeller Intern

Campus Involvement: Dartmouth Apologia, Dartmouth Brovertones, Dartmouth Intramural Golf

## WORK EXPERIENCE

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**Ready3**, Oklahoma City, OK

**December 2025 – March 2026**

*Mechanical Engineering Intern*

- Support setup of a heat-treat facility — layout, utilities/foundation prep, equipment installation, and QC
- Integrate ML software into engineering workflows; automate data pull and model runs
- Work with supply chain and finance to align material availability and cost tracking for engineering projects
- Pitch in across mechanical projects (build/test, parts tracking, supplier hand-offs) and give progress updates to the Director of Engineering

**Office of U.S. Senator Markwayne Mullin**, Oklahoma City, OK

**June 2024 – August 2024**

*Project & Constituent Services Intern*

- Interacted with constituents daily and assisted with issues ranging from Veterans Affairs coverage to passport cases
- Organized and structured the Senator's service academy nomination process
- Led multiple large-scale projects; collected and organized important data and contacts
- Managed the hiring process for my replacement, including interviewing candidates and making a final recommendation

## RESEARCH EXPERIENCE

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**Undergraduate Research Assistant**, Hanover, New Hampshire

**June 2025 – November 2025**

*Causal Discovery: Building an Algorithm that Returns Shift Interventions*

- Designed and implemented a simulation platform in Python to generate synthetic causal data under controlled interventions
- Developing an algorithm that recovers both direct and indirect causal relationships in complex networks, refining methods to distinguish efficient intervention strategies
- Developing techniques to uncover structural vulnerabilities relevant to defense and security, which would enable the exploitation and protection of critical systems

## SERVICE/LEADERSHIP

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**Passion for Vets**, Piedmont, OK

**November 2021 – May 2023**

*Founder/Operator*

- Founded an organization dedicated to providing monetary and other forms of support to veterans in OK
- Raised over \$1,200 for the OKC VA Health Care Center through nonprofit house-sitting and tutoring
- Created a program through which students wrote and delivered over 1000 letters to veterans in the community

**Oklahoma City Veterans Affairs Health Care Center**, Oklahoma City, OK

**June 2022 – December 2022**

*Prosthetics Division Volunteer*

- Assisted veterans, providing them with equipment ranging from heart rate monitors to CPAP machines

## SKILLS

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Technical: Python, C, MATLAB, CAD (SOLIDWORKS)

Languages: Russian (Elementary/Intermediate)