

# Jordan Palmer

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## EDUCATION

**Rensselaer Polytechnic Institute (RPI)**

*Bachelor of Science in Mechanical Engineering, GPA 3.30*

**Troy, NY**

*May 2025*

## Skills

- Siemens NX/ CAD, Python/Spyder, MATLAB, Finite Element Analysis

## Relevant Coursework

Elements of Mechanical Design, Fluid Mechanics, Introduction to Finite Element Analysis, Introduction to Engineering Design, Numerical Methods and Programming for Engineers, Machine Dynamics

## Relevant Projects

**IED (Intro to Engineering Design) School Project**

*Project Design*

**Rensselaer Polytechnic Institute**

*Spring 2023*

- Worked in a group of 7 to ensure that the project was completed on time.
- Developed a lawn mower attachment for a modular robot.
- Communicated with group to ensure subsystems all worked in unison.
- Presented information about project progression and completion to a group of about 30 utilizing power point.

## Experience

**Connecticut Department of Transportation**

*Department of Bridge Safety Intern*

**Newington, CT**

*May 2024-August2024*

- Conducted inspections of bridges across the state to ensure structural safety and compliance with regulations.
- Prepared detailed packets containing critical information for bridges, including inspection reports and maintenance recommendations.
- Utilized state-specific software to draft and update bridge plans with high accuracy.
- Performed span pole inspections following detailed guidelines and standards.
- Collaborated with engineers and field teams to ensure the successful completion of inspections and documentation.

**Stop & Shop****Unionville, CT***Deli Clerk**June 2022-August 2022*

- Maintain Sanitation Standards in compliance with company policies and procedures.
- Cutting food portions, weighing the portions, and applying price tags.
- Maintaining a clean and organized work area
- Waiting on customers, and providing excellent customer service

**Activities**

- Brazilian Gracie JiuJitsu (practiced for 8 years)
- Farmington Highschool Wrestling Team – Grades, 11 & 12
- Symphonic Band – Percussion: Farmington High School – Grades 9 - 11