

# Tom Wilson

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## Objective

Mechanical Engineering student seeking a Prototype Engineer Internship at NovaTech Industries to apply skills in SolidWorks, ANSYS, and prototyping to develop innovative machinery.

## Education

### B.S. in Mechanical Engineering

Expected May 2026

University of Techville, Techville, ST

GPA: 3.7/4.0 | Relevant Coursework: Mechanics, CAD, Material Science

## Skills

- Technical: SolidWorks, AutoCAD, ANSYS, MATLAB
- Analytical: Finite Element Analysis, Design Optimization
- Soft Skills: Team Collaboration, Problem-Solving, Technical Writing

## Experience

### Design Assistant

University of Techville

Jan 2024 – Present

- Created 3D models of mechanical components using SolidWorks, improving design efficiency by 10%.
- Conducted FEA simulations with ANSYS to validate component strength.
- Collaborated with a team of 4 to prototype a robotic arm.

### Intern

MechWorks Co.

Summer 2023

- Assisted in designing and testing mechanical prototypes using AutoCAD.
- Prepared technical reports on prototype performance.

## Projects

### Robotic Arm Prototype

Fall 2023

- Designed a robotic arm using SolidWorks, reducing material costs by 15%.
- Presented prototype at the University Engineering Expo.