

# Meghan Gaffigan

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## Education

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### Cornell University, Ithaca, NY

Bachelor of Science in Mechanical Engineering

EXPECTED GRADUATION MAY 2026

**Relevant Courses:** Mechanical Design (Product Design), Intro to Aeronautics, Mechatronics, Materials Processing and Manufacturing

## Experience

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### Toyota Material Handling North America

Columbus, IN

Production Engineer Intern

MAY 2025 - AUGUST 2025

- Investigated, designed, iterated, and implemented mechanical solutions to a production line issue
- Initiated one-on-one meetings discussing career paths and advice with Executive Officers
- Communicated with and sourced components from external suppliers
- Presented in front of 25+ Executives

### Superior Engineering, LLC.

Hammond, IN

Mechanical Engineering Intern

JUNE 2024 - AUGUST 2024

- Supported senior engineers in 10 trips to client sites.
- Collaborated with different divisions of engineers throughout the company.
- Completed 5 example projects alongside other interns.

### Manufacturing Solutions International

Portage, IN

Engineering Intern

JUNE 2023 - JULY 2023

- Collected data and conducted graphical analysis using Excel for over 50 hours of production runtime.
- Mitigated 2 hours per shift of inefficiency within production lines by mechanical improvements.
- Collaborated with the scheduling team and quality employees to ensure company efficiency.

### Engineering Intern

AUGUST 2021 - JULY 2022

- Analyzed and documented production data for a new snack canister packaging line.
- Developed testing protocols and performed various testing for screening and sorting equipment.
- Mentored alongside senior engineer production line engineering, including construction and startup planning.

## Leadership Experience

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### Division I NCAA Student Athlete

AUGUST 2022 - PRESENT

Cornell University Volleyball

- Leader of Strength and Conditioning Leadership Team.
- Devoting 30+ hours a week for team meetings, practice, competition, travel, etc.
- Two time Wall of Honor recipient (achieved the largest margin of strength and conditioning testing values).
- Competing and excelling in a fast-paced environment focused on daily continuous improvement.

### Big Red Pride- Athlete Ally Cornell Chapter

JANUARY 2025 - PRESENT

President

- Administrate team meetings, plan events, focus on recruitment and student involvement

### Enactus Sustainable Entrepreneurship- Cornell University

JANUARY 2023 - MAY 2025

Subteam Lead

- Organized and commanded team meetings of 10 person team

### Chesterton Varsity Volleyball

AUGUST 2020-NOVEMBER 2021

Captain

## Skills

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**Technical Skills:** Solidworks, Fusion360, AutoCAD, Caesar Flex Analysis, Leica Cyclone Processing Software (Laser Scanning), MATLAB, Python, Applied Fluid Technology Arrow/Fathom

**Professional Skills:** Microsoft 365 (Word, Excel, PowerPoint, Outlook), Google Suite, and Canva