

# Kayleigh A. Hanlon

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## Education

Expected in May 2025 **Bachelors:** Mechanical Engineering

**University of Illinois At Urbana-Champaign** | Champaign, IL | GPA: 3.91

## Skills

- Product development
- 2D/3D modeling (Fusion 360 and AutoCAD)
- Intermediate Spanish speaking ability (Seal of Biliteracy)
- Good communication skills
- HTML/CSS
- Python/MATLAB

## Extracurriculars /Projects

08/2021 to present **ASME (American Society of Engineers)**

- Network with other engineers
- Learn about innovations in Mechanical Engineering

08/2021 to present **Society of Women Engineers (SWE)**

- National member
- Help secure women representation in the STEM field

08/2021 to 11/2021 **Removable Keyboard CAD project**

- Designed and 3D modeled a removable keyboard through Fusion 360
- Created a Bill of Materials (BOM) list on Microsoft Excel
- Conducted a tolerance analysis on movable joints

01/2021 to 2/2022 **Personal Website**

- Created a website using GitHub pages
- HTML/CSS/JavaScript

## Leadership

08/2019 to 08/2021 **FIRST Robotics Team Manager**

- Delegated responsibilities to other group members
- Designed a robot to launch projectiles at a predetermined height

07/2017 to 07/2021 **Assistant Coach at Lincoln-way East High School**

- Instructed younger kids during summer camp
- Improved their confidence with soccer

08/2019 to 06/2021 **Vice President for Key Club Organization**

- Fundraised for Frankfort Chamber of Commerce and Lincoln-Way East High School Key Club
- Volunteered regularly at Frankfort Founders Center