

**Gwendolyn Simon**  
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**EDUCATION**

<b>Cornell University</b> , Ithaca, NY Candidate: Bachelor of Engineering, Mechanical Engineering	August 2024 - Present
<b>Horace Mann High School</b> , New York, NY	September 2019 - June 2024
<b>Prep for Prep</b> , New York, NY A highly selective leadership development program that includes a rigorous 14-month long academic component that prepares students for placement in leading independent schools and continues to work with them through middle school, high school, and onward	June 2018 - September 2019

**RELEVANT EXPERIENCE**

<b>Cup Robotics Member</b> , Ithaca, NY Cornell University	November 2024 - Present
<ul style="list-style-type: none"><li>Utilized 3D models to develop prototypes and final products developed to help learning robotics and coding for public use by students in K-12 STEM programs</li><li>Cooperated with other members and leadership to make individual products cohesive with the original design to make a unique brand</li><li>Reviewed by senators who were interested in product implementation in schools on 20 states</li></ul>	
<b>Mechanical Engineering Intern</b> , Remote Tyger Fit Labs	May 2025 - August 2025
<ul style="list-style-type: none"><li>Designed and fabricated multiple product prototypes using 3D modeling software and 3D printing technologies</li><li>Collaborated with cross-functional team members to refine hardware and software systems, improving data collection accuracy and enhancing consumer usability</li></ul>	
<b>Intern</b> , New York, NY Fairleigh Dickinson University	June 2024 - August 2024
<ul style="list-style-type: none"><li>Assisted in research to optimize the creation of an injection molder for the purposes of recycling plastic</li><li>Coordinated with a managing director and coworkers to create a 3D model of an injection molder and to purchase materials to make an injection molder</li></ul>	
<b>Curriculum Designer</b> , New York, NY Prep for Prep	October 2021 - March 2024
<ul style="list-style-type: none"><li>Taught elementary students math lessons that increased their understanding while also effectively managing their social-emotional issues about test-taking and increasing their confidence in test-taking</li><li>Independently lead small group tutoring sessions with elementary and middle schoolers to better their Independent School Entrance Exam test scores</li><li>Teamed with math teachers to develop Google Slides presentations to break down contents such as algebra, geometry, and data visualization while keeping students engaged</li></ul>	
<b>Intern</b> , New York, NY J.P. Morgan Chase	June 2023 - August 2023
<ul style="list-style-type: none"><li>Coordinated with a managing director to create weekly and monthly reports displaying a change in metrics allowing for easy comparison</li><li>Communicated with a wider team of employees to recognize and correct errors made in the used CORE system to optimize system efficiency</li></ul>	
<b>Master Electrician</b> , New York, NY Horace Mann Stage Crew	September 2021 - June 2024
<ul style="list-style-type: none"><li>Charged with supervising eight crew members of the Horace Mann Stage Crew for all high school and middle school theater productions totaling to 15 productions</li><li>Trained approximately 30 stage crew members on lighting procedures yearly to ensure a successful production</li><li>Responsible for timely and accurate lighting development for over 40 theater and school events</li></ul>	

**EXTRACURRICULAR ACTIVITIES**

<b>Cornell University</b> , Ithaca, NY
<ul style="list-style-type: none"><li>Recreational Fencing Team</li><li>Lighting Design</li></ul>

**SKILLS AND INTERESTS**

**Computer:** Proficient in Google Suite (Advanced), OnShape (Advanced), Fusion 360 (Advanced), Python (Intermediate)  
**Interests:** Baking, Drawing, Puzzles, Reading