

# CHLOE R. TEIG

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## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY

**Expected May 2026**

Bachelor of Science in Mechanical Engineering, Minor in Business **GPA: 3.401**

*Dean's List Spring 2023, Spring 2025*

*Selected Coursework:* Engineering Calculus and Physics Sequences • Mechatronics • Fluid Mechanics • System Dynamics • Mechanics of Engineering Materials • Engineering Sustainability • Heat Transfer • Product Design • Internet of Things

## WORK EXPERIENCE

**Product Engineering Intern**, Tikkun Olam Makers, Tel Aviv, Israel

**July - August 2025**

- Redesigned “The UPick,” a vacuum-based assistive device for wheelchair users with limited mobility to pick up flat items
- Created and tested CAD models, cut and painted tubing, and soldered circuits to improve aesthetics and functionality
- Published finalized documentation to the TOM open-source platform, ensuring worldwide accessibility

**Mechanical Engineering Intern**, General Glass International, Secaucus, NJ

**May - August 2024**

- Verified and created Preventive Maintenance Plans, reviewed documentation, and consulted with maintenance technicians
- Conducted time studies, analyzed processes for efficiency improvement, and provided insights to streamline operations
- Identified and addressed causes of quality defects, assisted in diagnosing and resolving factors affecting product quality
- Managed administrative tasks to ensure smooth coordination of engineering processes

**Marketing Production Assistant**, Marlene Meyerson JCC of Manhattan, New York, NY

**January - May 2024**

- Supported the updating and organization of the camp photo + video library, and produced assets for cross-platform usage
- Developed social media plans, content strategy, newsletter content, and researched camp competition's marketing strategies

**STEAM Counselor**, Future Stars Day Camp, Purchase, NY

**June - August 2023**

- Developed and led a STEAM structured 7-week curriculum for 40 children (7-16), incorporating hands-on activities daily
- Self-trained on a 3D printer for project implementation
- Conducted Python mini-lessons to enhance participants' programming skills

**Research Associate's Assistant**, Weill Cornell Medicine, New York, NY

**May - June 2023**

- Researched mammal cell transplantation and developed practical lab skills through observing a bio lab technician
- Aided in passing cells, integral to the successful execution of the project
- Recorded and organized experimental data for documentation and contributed to compiling reports for PI review

## RELEVANT ACADEMIC PROJECTS

**Open Design Project**, Cornell University, Ithaca, NY

**January - May 2024**

- Collaborated with a team to design and build multiple iterations of a mechanical snow and ice removal device
- Managed time and logistical challenges, stayed within budget, developed material specification and coordinated acquisition

**Robot Design Project**, Cornell University, Ithaca, NY

**January - May 2025**

- Designed, fabricated, and programmed a mechatronic system with a team for head-to-head competition with other robots
- Managed time and logistical challenges, stayed within budget, developed material specification and coordinated acquisition

## LEADERSHIP EXPERIENCE

**Engineering Peer Advisor**, Cornell University, Ithaca, NY

**May 2024 - Present**

- Proactively co-plan and facilitate the first-year Engineering Seminar; leverage personal experiences to mentor and build connections with first-year students; and promote an inclusive environment through constructive communication

**Society of Women Engineers**, Cornell University, Ithaca, NY

**August 2023 - Present**

*Executive Board Member on the Elementary Education Committee*

- Plan, organize, and execute a comprehensive Science lesson plan for students at Fall Creek Elementary each semester

## ADDITIONAL EXPERIENCES

**Middle and High School Tutor**, Remote

**September 2018 - Present**

- Conduct engaging Zoom tutoring sessions, tailoring support to individual needs, facilitating academic growth and enhancing performance and confidence

**System Dynamics Grader**, Cornell University, Ithaca, NY

**August 2025 - Present**

## SKILLS

Python, MATLAB, CAD, 3D Printing, Microsoft Office Suite, Google Workspace