

# 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:* Calculus & Physics Sequences • Mechatronics • Fluid Mechanics • System Dynamics • Mechanics of Engineering Materials • Sustainable Engineering • Heat Transfer • Manufacturing • 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

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

August - December 2025

- Founded ModuBaby, and developed EverSeat, a modular child car-seat system focused on sustainability and accessibility
- Built the technical and business case through DFMEA, materials selection, testing, VoC, and market analysis

**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