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: 3.4**
Dean's List Spring 2023, Spring 2025, Fall 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