

CHLOE R. TEIG

crt78@cornell.edu | 470 West End Ave, New York, NY 10024 | 646.763.0189 | [linkedin.com/in/chloe-teig/](https://www.linkedin.com/in/chloe-teig/)
<https://cornell-mae-ug.github.io/fa25-portfolio-chloeteig/>

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
Master of Engineering in Engineering Management (Early Admit) **Expected May 2027**
Selected Coursework: Engineering Calculus & Physics Sequences • Thermodynamics • Statics • Dynamics • Mechatronics • Fluid Mechanics • System Dynamics • Mechanics of Engineering Materials • Sustainable Engineering • Heat Transfer • Manufacturing • Product Design • Internet of Things • Interdisciplinary Design Concepts

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 lift 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, consulted with maintenance technicians
- Conducted time studies, analyzed processes for efficiency improvement, provided insights to streamline operations
- Identified and addressed causes of quality defects, assisted in 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 updating and organization of the camp photo + video library, and produced assets for cross-platform usage
- Developed social media plans, content strategy, newsletter content, researched competition marketing strategies

STEAM Counselor, Future Stars Day Camp, Purchase, NY **June - August 2023**

- Co-led a STEAM structured 7-week curriculum for 40 children (7-16), developed daily hands-on activities
- 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

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 - December 2025**
Heat Transfer Grader, Cornell University, Ithaca, NY **Upcoming Spring 2026**

SKILLS

Python, MATLAB, Autodesk Fusion CAD, 3D Printing, ANSYS, Finite Element Analysis (FEA), Computational Fluid Dynamics (CFD), Project Management, Microsoft Office Suite, Google Workspace