

CHLOE R. TEIG

crt78@cornell.edu | 470 West End Ave, New York, NY 10024 | 646.763.0189 | 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