

# Logan Carter

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## Summary

Dedicated, innovative, and ambitious Mechanical engineering student at the University of Colorado Boulder. Seeking an internship with Tokyo electron to gain experience in Semiconductors, Mechanical Design and Data-Driven Engineering. Extensive knowledge in Solidworks(CAD), MATLAB, excel, 3D printing and known for analytical precision, creativity and problem solving.

## Education

<i>B.S Mechanical Engineering - ABET Accredited / Minor in Math / Minor in Aerospace</i>	12/2027
3.6 GPA • University of Colorado at Boulder • Boulder, CO	
<i>United States Naval Academy - Accepted into the class of 2028 / Medical disqualification</i>	
<i>Mechanical Engineering / Minor in Math / Minor in Finance</i>	05/2025
3.6 GPA • University of Massachusetts at Lowell • Lowell, MA	
<ul style="list-style-type: none"><li>• <i>Awards - Dean's List, Fall 2024 / Spring 2025 / Honors College</i></li><li>• <i>Relevant courses - Materials Science for Eng. / Computer Aided Design / Manufacturing Laboratory / Thermodynamics / Calculus 1-3 / Differential Equations / Engineering Projects</i></li><li>• <i>Clubs - Business Analytics Society / Engineers for a Sustainable World / Leaders in Action</i></li></ul>	

## Engineering Projects

<i>GEEN 1400 - Engineering Projects</i>	01/2026 - 05/2026
University of Colorado Boulder • Boulder CO	
<ul style="list-style-type: none"><li>• Executed a multi-phase engineering design project starting with concept development, CAD modeling, fabrication and testing of working prototypes, integrating analysis to design improvements</li><li>• Collaborated with multiple teammates to validate designs through testing, documentation and final presentation at design Expo</li></ul>	
<i>Trail design and construction</i>	
<ul style="list-style-type: none"><li>• Led track team members to create a project plan and technical designs for a major renovation project</li><li>• Engineered structural plans to create a path in the woods and use gravel to make the trail</li></ul>	
<i>Website creation</i>	
<ul style="list-style-type: none"><li>• Building websites for small companies that have no website, or very old sites that could use an update</li></ul>	

## Experience

<i>Sales Intern</i>	06/2025 - 12/2025
ALKU • Andover MA	
<ul style="list-style-type: none"><li>• Recruiting intern getting information about people who are currently looking for new jobs</li><li>• Gained valuable communication skills by engaging with PhD engineers with 20+ years of experience helping to place them on highly competitive roles in their field</li></ul>	
<i>Maintenance Crew</i>	04/2024 - 09/2024
Passaconaway country club • Litchfield, NH	
<ul style="list-style-type: none"><li>• Collected golf balls daily from the driving range to ensure the smooth flow of play.</li><li>• Cleaned every cart after the players finished and returned it to the lot.</li><li>• Worked the cash register and assisted customers with any needs</li></ul>	
<i>Medical Records Technician</i>	05/2023 - 08/2023
Derry Medical Center • Derry, NH	
<ul style="list-style-type: none"><li>• Assisted in evaluation, and selection of medical records that were to date and those that needed re-evaluation</li></ul>	
<i>Landscaping crew</i>	05/2021 - 09/2022
Trey's Amigos • Windham, NH	
<ul style="list-style-type: none"><li>• Mowing, trimming, edging, weeding and mulching lawns / Installing underground piping</li></ul>	

## Technical Skills

SolidWorks (CAD), 5S Lean, Excel, Ansys Workbench (FEA), Mechanical design, Time management, Gemba Walk, Leadership, Communication, problem solving, Creativity, data analysis, Pro-E, Troubleshooting/testing, 3D Printing