

# Connor Geshan

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cgeshan.github.io

<b>Education</b>	<b>Master of Science in Mechanical Engineering</b> <b>Concentration in Robotics and Control Systems</b> <b>GPA: 4.0/ 4.0</b> Carnegie Mellon University, Pittsburgh, PA <b>Current Courses:</b> Computer Vision, Bio-inspired Robotics, Humanoid Robotics, Space Robotics, Designing and Deploying AI/ML Systems	December 2023
	<b>Bachelor of Science in Mechanical Engineering</b> <b>Concentration in Mechatronics</b> <b>Minors: Computer Science &amp; Mathematics</b> Western New England University, Springfield, MA <b>Courses:</b> Design Mechatronics System, Electrical Energy Systems, Software Design	May 2022
<b>Work Experience</b>	<b>Research and Development Intern</b> Callaway Golf, Carlsbad, CA	June 2021 – August 2021
	<ul style="list-style-type: none"><li>• Utilize Python to enhance usability and efficiency of Graphical User Interfaces (GUI)</li><li>• Troubleshooting of color properties for Roland Versa UV LEF-12I printer</li><li>• Design putting alignment aid for increasing ones putting accuracy</li><li>• Supported patent initiative for putting alignment aid</li><li>• Generated data manipulation Excel Sheets using Visual Basic to study the effect golf ball properties have on performance</li></ul>	
	<b>Engineering Intern</b> Callaway Golf, Chicopee, MA	October 2020 – April 2021
	<ul style="list-style-type: none"><li>• Set-up a golf ball packing factor to estimate quantity of balls per container within 10% accuracy to decrease manually counting for packers</li><li>• Created a test system to track inventory using RFID which eliminated the need for a physical count.</li></ul>	
<b>Projects</b>	<b>Teacher's Assistant-CMU &amp; WNEU</b> <b>3D Printing Lab Technician-WNEU</b>	August 2019 – May, 2022 October 2019 – May 2021
	G.H.O.S.T. Jelly-CMU	January 2023 - May 2023
	<ul style="list-style-type: none"><li>• Biomimetic jellyfish soft robot comprised of an electromagnetic actuation system</li><li>• Won Best Overall Project at CMU Mechanical Engineering Design Expo</li></ul>	
	Unoptimized-CMU	January 2023 - May 2023
	<ul style="list-style-type: none"><li>• OpenGL application which voxelizes stl files, then checks for bottom up stability</li></ul>	
	PRISM Ranger-CMU	September 2022 - December 2022
	<ul style="list-style-type: none"><li>• Perception Deputy of Surface Mobility Team</li></ul>	
	WNE Rabbit & Snitch Robot Competition-WNEU	August 2018 – December 2019
<b>Skills</b>	<ul style="list-style-type: none"><li>• Developed one remote-controlled seeker robot and one autonomous avoidance robot</li><li>• Won First Place Overall</li></ul>	
	<b>Programming:</b> Python, C++ (including OpenGL), Java, Arduino, Visual Basic <b>Engineering Software:</b> SolidWorks, NX, MATLAB, LabVIEW <b>Additive Manufacturing:</b> 3D Printing, CURA	
<b>Activities</b>	NCAA Athlete – Men's Ice Hockey – Western New England	2018-2022