

# Omri Green

[ozgreen@wpi.edu](mailto:ozgreen@wpi.edu) | (724) 747-7171

**Current Address:** Founders Hall, WPI, Worcester, MA 01605

**Permanent Address:** 103 Woodcrest Place, Venetia, PA 15367

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EDUCATION           | <b>Worcester Polytechnic Institute (WPI), Worcester, MA</b><br>Bachelor of Science in Robotics Engineering, May 2024<br>GPA: 3.53/4.00<br><br><b>Peters Township High School (PTHS) McMurray, PA</b><br>High School Diploma, June 2020<br>Weighted GPA: 4.54                                                                                                                                                                                                                                                                                                                                                                                                 |
| RESEARCH            | <b>Soft Robotics, <a href="#">Robotics Soft Matter Group at WPI</a></b> Fall 2020 - Present <ul style="list-style-type: none"><li>Develop soft robotics techniques and processes that utilize elastomers and inflatable materials to create pneumatic devices with different applications</li></ul><br><b>Legged Anthropomorphic Rehab Exoskeleton (LARRE), Research Assistant</b> Spring 2020 – Fall 2020 <ul style="list-style-type: none"><li>3D modeling components in Solidworks</li><li>Test components in ANSYS AIM for deformation under pressure</li><li>Collaborate with peers on the design of the Exoskeleton</li></ul>                          |
| INTERNSHIPS         | <b>Software Engineering Intern, <a href="#">Fabric</a>, Tel Aviv, Israel</b> Summer 2021<br><i>A robotics company developing automated fulfillment solutions</i> <ul style="list-style-type: none"><li>Develop program to analyze and visualize error data overtime using Python and SQL queries</li></ul>                                                                                                                                                                                                                                                                                                                                                   |
| SKILLS              | <b>Programming Languages:</b> C++, C#, Java, Javascript, Labview Core I & II certification, Python<br><b>Web Design:</b> HTML<br><b>Software:</b> Fusion 360, ANSYS AIM, Solidworks 2019, Microsoft Office, Google Applications, Matlab<br><b>Languages:</b> Fluent in Hebrew, basic German<br><b>Miscellaneous:</b> Essentials of Firefighting I – III, Red Cross Lifeguard certification, CPR                                                                                                                                                                                                                                                              |
| WORK EXPERIENCE     | <b>Lifeguard, Venetia, Pennsylvania</b> May 2017 – March 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ACTIVITIES          | <b>Combat Robotics, Worcester Polytechnic Institute</b> Fall 2020 – Present<br><b>Vex U Robotics, Worcester Polytechnic Institute</b> Fall 2020 – Present<br><b>Collab Lab, Worcester Polytechnic Institute</b> Fall 2020 – Present<br><b>AIAA, Payload Sub team Worcester Polytechnic Institute</b> Fall 2021 – Present<br><b>Outing Club, Worcester Polytechnic Institute</b> Fall 2021 – Present<br><b>IEEE, Worcester Polytechnic Institute</b> Fall 2021 – Present<br><b>Volunteer Firefighter, PTFD, McMurray, Pennsylvania</b> July 2018 – August 2020<br><b>Titanium Titans Robotics Team (FIRST Robotics Competition)</b> December 2016 – June 2020 |
| HOBBIES & INTERESTS | <b>Designing, building and piloting drones</b> Summer 2011 - Present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| HONORS              | National Honors Society, Peters Township High School, 2018-2020<br>WPI Merit program, Worcester Polytechnic Institute, 2020 - Present                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |