

Andrea Kowalski

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EDUCATION	University of Michigan - Ann Arbor <i>College of Engineering - B.S.E, Mechanical Engineering Minor in Sustainability</i> <ul style="list-style-type: none">● GPA: 3.92/4.0● Honors/Awards: James B. Angell Scholar, William J. Branstrom Freshman Prize, Dean's Honor List● Program Highlights: 6 week study abroad in Paris, France (Summer 2022), College of Engineering Honors Program, Tau Beta Phi Honors Society Electee	Ann Arbor, MI <i>Winter 2025</i> <i>(anticipated)</i>
	Chelsea High School <i>Summa Cum Laude</i> <ul style="list-style-type: none">● GPA: 4.0/4.0 Rank: 3/200● Honors/Awards: MHSAA Scholar Athlete Award Winner (only 2 winners in school history), National Honors Society, Academic All Conference	Chelsea, MI <i>June 2021</i>
EXPERIENCE	Edge Autonomy Energy Systems <i>Mechanical Engineer Intern</i> <ul style="list-style-type: none">● Successfully self-directed the design, testing, and pre-manufacturing of an ingress protection device for the air intakes of a future 1kW fuel cell product.● Gained experience with design and simulation in SolidWorks, quality control testing procedures, DFEMA, and industry-standard safety protocols.	Ann Arbor, MI <i>2023-present</i>
	Medlaunch - "Adapta-Bowl" Adaptive Bowling Project Team <i>Team Member - Engineer</i> <ul style="list-style-type: none">● Worked on a team to ideate, prototype, and manufacture an adaptive bowling ramp for a wheelchair-bound community partner.● Iterated 4 full prototypes throughout the year to produce a product viable for the market by 2025.	Ann Arbor, MI <i>2022-present</i>
	Valiant Bar and Grill <i>Server</i> <ul style="list-style-type: none">● Managed 4 tables on average to serve customers food and drink, make necessary accommodations, process payments, and support a welcoming atmosphere.	Chelsea, MI <i>2021-2022</i>
	U.S. Soccer Federation <i>Certified Youth Soccer Referee</i> <ul style="list-style-type: none">● Communicate directly with participants, coaches, and parents to officiate youth soccer and support a safe, competitive atmosphere.	Chelsea, MI (surrounding communities) <i>2014-2021</i>
LEADERSHIP	University of Michigan Women's Club Soccer <i>Executive Board - Treasurer (Elected)</i> <ul style="list-style-type: none">● Responsible for collecting club dues, raising over \$5,000 on Giving Bluesday, paying officials, and administering club funds while balancing expectations of a playing member of the team.● Purchased new uniforms and equipment in the 2022 season while decreasing club dues by \$50 per player.	Ann Arbor, MI <i>2021-present</i>
ADDITIONAL	● Skilled technical writer, intermediate proficiency in Solidworks, and introductory experience in MATLAB and MSC ADAMS software.	

