



RoboSub 2023

Optional Community & Outreach Submission

School/Organization Name: McGill University
Team Name: McGill Robotics
Generic Team E-mail: robotics.auvpm@mcgilleus.ca
Submission Date: February 4, 2023

Community & Outreach Submission

A key objective of the RoboSub program is to strengthen and enhance the community. Teams are encouraged to participate in educational outreach activities and describe those activities here. Maximum 500 words

Community & Outreach Description:

In the past year, our robotics team has passionately embraced a journey of community engagement, leadership, and sustainability. At the heart of this journey is RoboHacks 2023, our flagship event that stands tall as one of McGill University's largest hackathons. Not just a testament to our technical prowess, RoboHacks 2023 is a beacon of our commitment to the United Nations Sustainability Development Goals. Our three challenges creatively navigated through SDGoals 10, 11, 14, and 15, vividly bringing to life the themes of reduced inequality, sustainable cities, life below water, and life on land. As custodians of the future, we, as engineering students, truly believe in the power of sustainable practices, and we are proud to be a part of this global mission.

Our engagement did not stop at the university boundaries; it spilled over to schools and centers in Montreal. Our cherished five-year-long collaboration with the Riverside School Board has seen us visiting elementary schools, where we have ignited young minds with the allure of STEM and robotics. Likewise, our lab turned into a space of discovery for students from the Kahnawa'kehró:non youth center, offering them a firsthand experience of the magic of robotics.

As McGill students, we are blessed with an opportunity and responsibility to effect change. We have embraced this by actively participating in events like POWE (Promoting Opportunities in STEM for Women), McGill Space Week, and the McGill Engineering Open House. At each of these junctures, we have tirelessly worked to echo our commitment to a more inclusive engineering community at McGill.

All these endeavors, from the labs of our university to classrooms in local schools, represent our team's drive to shape a more sustainable, inclusive, and technologically adept future. With each step, we strive to inspire others, never forgetting that the power to change the world lies within each one of us.

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