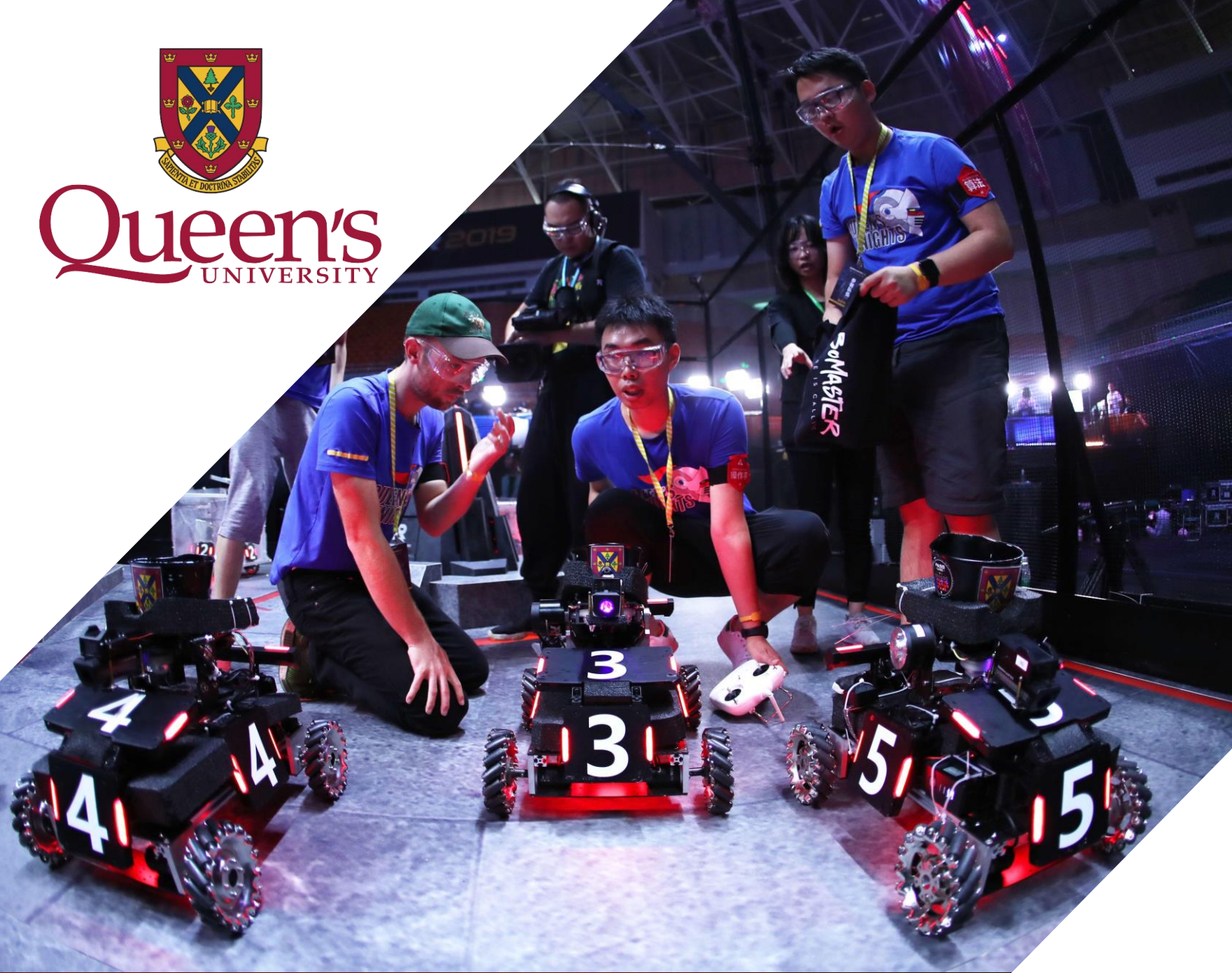




Queen's
UNIVERSITY



2020 SPONSORSHIP INFORMATION



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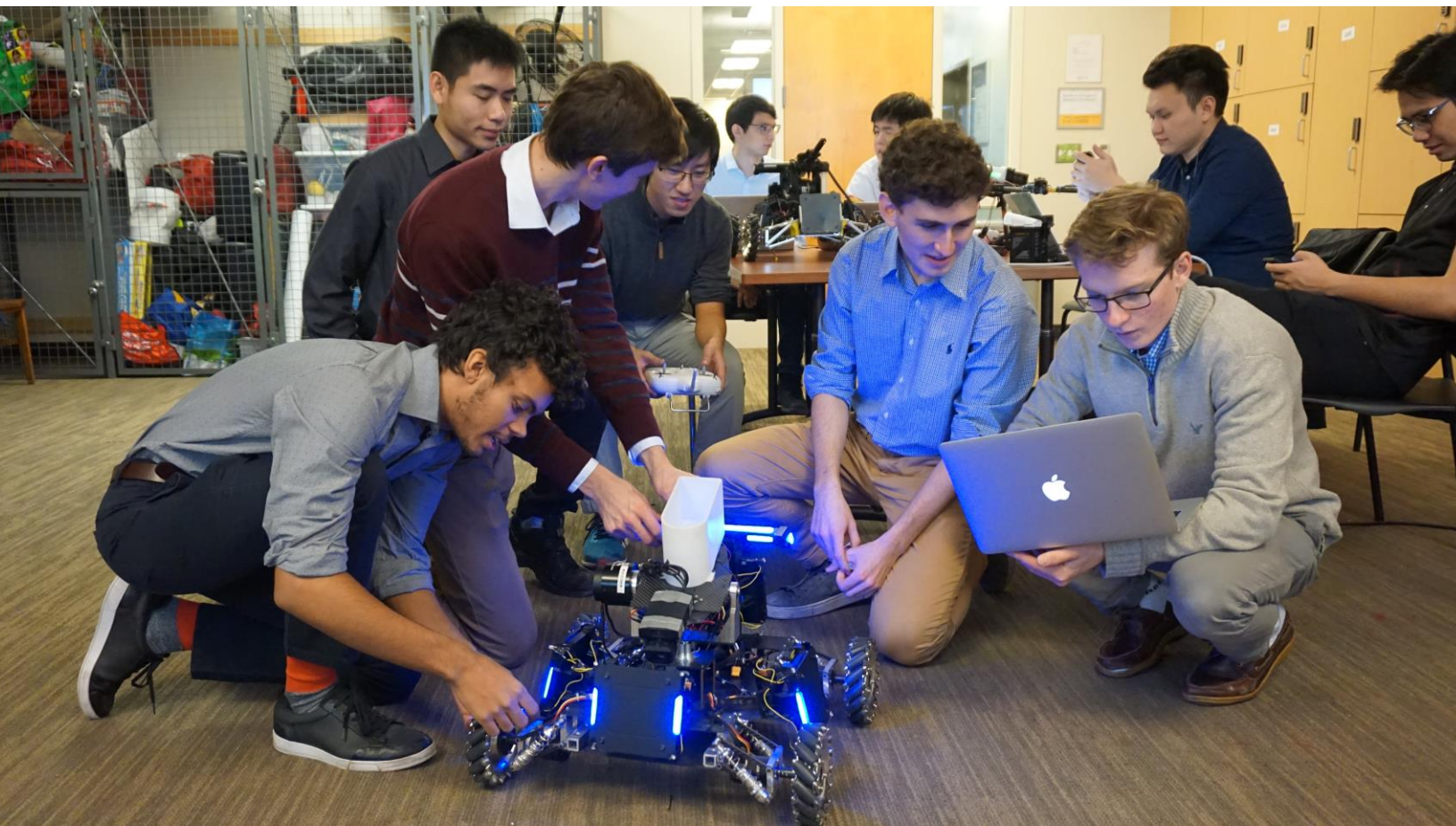
ABOUT US

Queen's RoboMaster is a student run robotics club at Queen's University focusing on developing mechanical, electrical, computer, and machine learning skills through the design and implementation of specialized robots. The team intends on returning to the competition field at the 2020 International RoboMaster Competition after a successful first year in 2019 and branch out into the 2020 International Conference on Robotics and Automation (ICRA) AI Challenge.

What Is RoboMaster?

RoboMaster is robotics competition for teams of aspiring engineers to design and build next-generation robots that compete in projectile-based combat. The competition attracts close attention from hundreds of universities, nearly 1,000 high-tech enterprises, and thousands of fans from across the country. RoboMaster provides science and engineering students with the chance to combine theory with practice outside the classroom and become the innovators of tomorrow.

Example: <https://www.twitch.tv/videos/461744654?t=01h24m50s>



OUR MISSION

Research

As the RoboMaster competition is constantly progressing, research and implementation of advanced technology is necessary to remain a competitive team. We aim to establish research partnerships with leading experts on artificial intelligence and robotics to expand our knowledge and proficiency of these key competition aspects.

Education

Our team provides students with exposure to real world engineering designs and an appreciation for complex problem solving. With sub teams consisting of electrical, mechanical, and computer engineering, our team gives students the opportunity to apply concepts learned in class and help bridge the gap between educational and professional environments. In addition, our team encourages the development of team-work, communication, and other interpersonal skills which are critical to succeed in today's society.

Community

Queen's University is recognized for its outstanding sense of community and we work hard to contribute to this exceptional culture. Queen's RoboMaster strives to instill purpose and interpersonal connectivity in all team members. In addition, as one of only three Canadian teams, we're proud to represent our country on an international level.



OUR PROGRESS AND RESULTS

Team Successes

During the 2019 season, our team maintained 30 active members with engaging robotics and technical research content. Our operations sub team worked to implement proper management structures and processes to support our rapidly growing team and raised \$5000CAD in funding. The successful year led to our team to qualifying for the 2019 International RoboMaster competition in Shenzhen, China. As a newly formed club with limited funding, we had to work hard to be a competitive force against more experienced teams. Our success was displayed by a full lineup of robots, and by claiming second prize at the competition. Overall, the team exceeded expectations and succeeded in introducing the Queen's Knights to the International RoboMaster scene.

Local Outreach

Our team was interested in giving back to the local community. After establishing our team, we reached out to a First Robotics Team in Kingston known as The Machine Mavericks and provided mentorship and educational opportunities to aspiring engineering students.

Next Steps

Moving forward, our team plans to aggressively expand the size of our team, and the abilities of our robots. The team is preparing to expand to 50 members in the 2020 season and will continue to refine numerous aspects of each robot. The team will also start initiatives to attend the 2020 ICRA Autonomous Competition. In addition, we hope to continue promoting STEM in our community by hosting local events that will inspire and connect secondary school students to Queen's University through our fun and engaging robots.

SPONSORSHIP BENEFITS

Our sponsors matter, with your support our team can thrive in providing students with amazing opportunities and help inspire the next generation of STEM leaders. Providing financial or material support qualifies your company to the following three sponsor tiers:

Benefits	Tier 3 \$500 - \$2000	Tier 2 \$2,000 - \$4,000	Tier 1 \$4,000+
Recruitment opportunities with 50+ members			
Recognition on Website			
Monthly Newsletter			
Social media exposure			
Logo on team apparel			
Logo on team robots			
Title sponsor for all team events (top contributor)			

CONTACT US

Our team is constantly seeking components, technical advice, and monetary assistance. If there is interest in supporting our team, please contact us to discuss the next steps. Our operational team would be thrilled to answer your questions and provide more details about our team and sponsorship benefits, as well as demonstrate the capabilities of our robots.

We hope to continue promoting STEM at Queen's University and look forward to furthering communication with you about potential partnerships. See below for contact information.



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