



macrobomaster.club

McMaster Falcons
RoboMaster Team

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About Us

200+

Applicants

51

Members

6

Months established

5

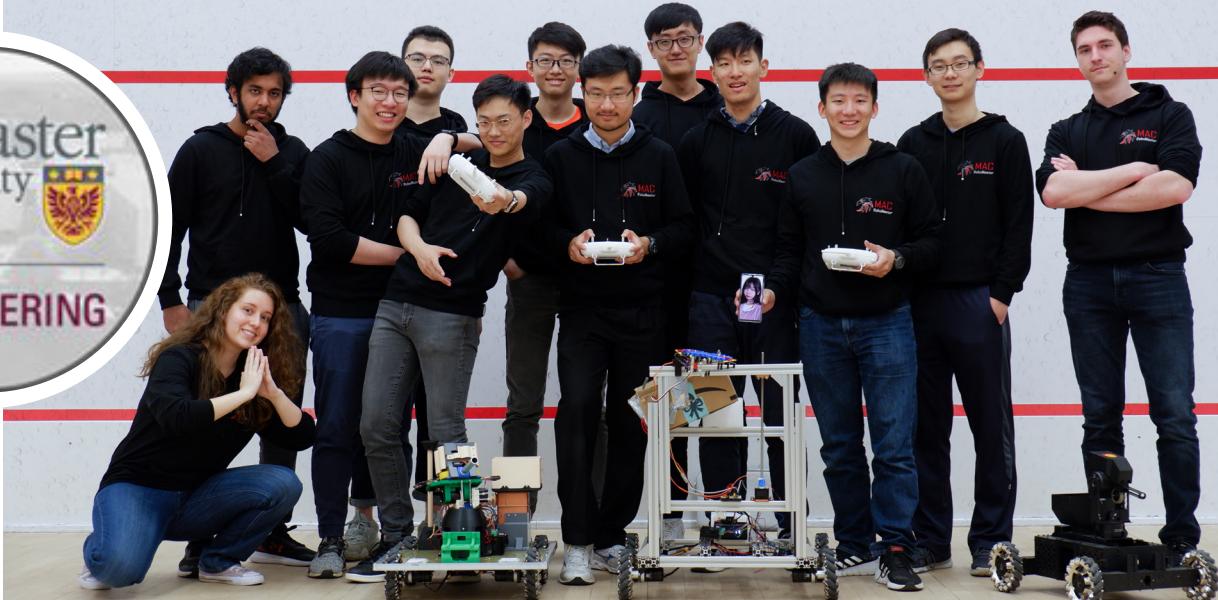
Robots

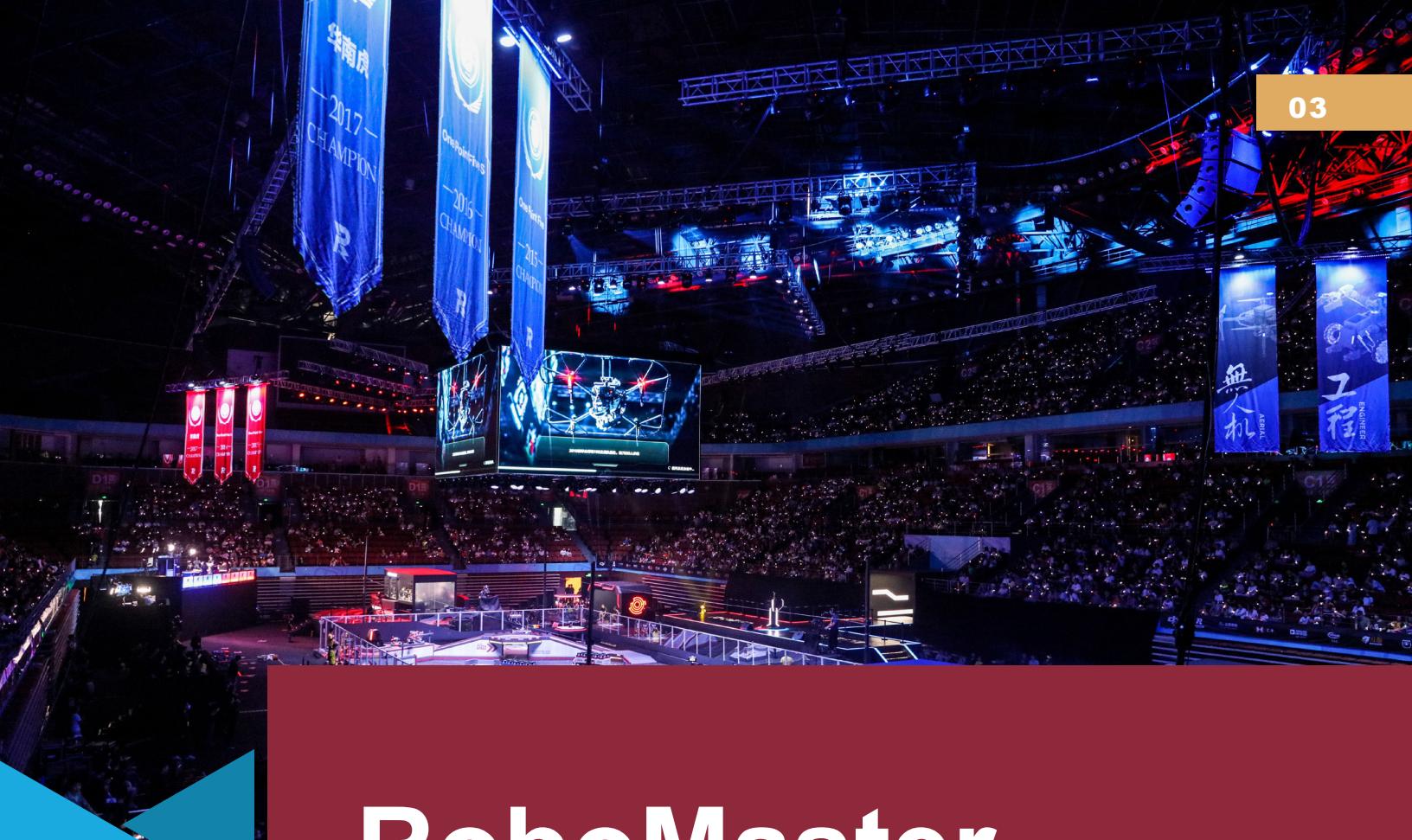
McMaster RoboMaster Team is a McMaster Engineering Society (MES) affiliated robotics team located in Ontario, Canada. In August 2019, we will participate in the International RoboMaster Robotics Competition hosted by DJI, the world's leading developer of commercial drone technology.

Our team consists of a group of innovative and passionate young engineering students, who excel at applying classroom knowledge to real world applications. Our team constantly challenges themselves to implement progressive and practical technical solutions to the disciplines of robotics, control systems and artificial intelligence.

Our objective this year, as every year, is to inspire our McMaster engineering community to participate in real-world challenges and reach the global finals of the RoboMaster competition.

Our Team





RoboMaster

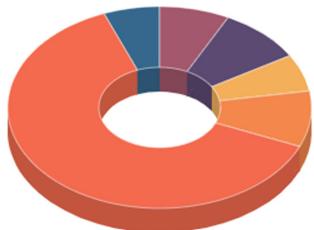
2019

The RoboMaster Program provides competitions and events for young engineers that foster innovation and hands on experience in the field of robotics. The namesake RoboMaster Robotics Competition is hosted by DJI, the world's leading consumer drone manufacture, and is on its way to be the most influential robotics competition to date. Each RoboMaster event aims to incorporate the most up and coming technology in the field of robotics such as computer vision, embedded systems, and artificial intelligence.

Participants gain valuable technical skills as well as critical thinking skills throughout the competition. They are able to combine theory and practice, and build advanced intelligent robots to face in a fierce competition.

For more information: <https://www.robomaster.com/en-US>

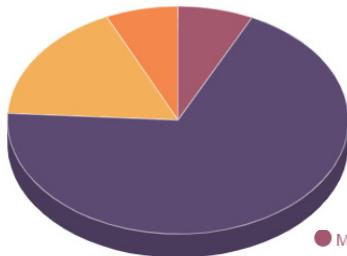
Financial Projections and Goals:



Carbon Fiber	250
Aluminum Extrusion	300
3D Printing	200
CNC Milling	300
Mecanum Wheels	2,100
Fasteners	200

Manufacturing-\$3,350

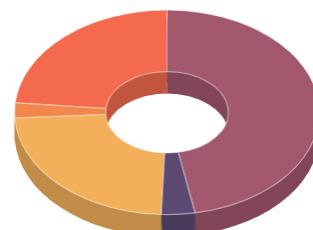
Manufacturing	Cost
Carbon Fiber	\$250.00
Aluminum Extrusion	\$300.00
3D Printing	\$200.00
CNC Milling	\$300.00
Mecanum Wheels	\$2,100.00
Fasteners	\$200.00



Microcontrollers	500
Computer Vision Units	4,800
Industrial Cameras	1,200
LiDAR	480

Processing Units-\$6,980

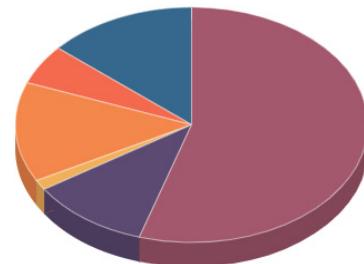
Processing Units	Cost
Microcontrollers	\$500.00
Computer Vision Units	\$4,800.00
Industrial Cameras	\$1,200.00
LiDAR	\$480.00



Brushless Motors	4,000
Servos	300
ESC	2,000
Step Motors	200
Batteries	2,000

Electrical Machine-\$8,500

Electrical Machine	Cost
Brushless Motors	\$4,000.00
Servos	\$300.00
ESC	\$2,000.00
Step Motors	\$200.00
Batteries	\$2,000.00



Travel	2,000
Shipping	400
Website	50
Video Shooting	500
Banner	200
Team Uniform	500

Administrative & Promotion-\$3,650

Administrative	Cost
Travel	\$2,000.00
Shipping	\$400.00
Promotion	
Website	\$50.00
Video Shooting	\$500.00
Banner	\$200.00
Team Uniform	\$500.00

Our Advantages:



The MAC RoboMaster team is affiliated with the McMaster Engineering Society as an official registered team. In terms of technology, we are guided by professors from the Department of Electrical and Computer Engineering. Their research areas cover robotics control, deep learning, computer vision and system optimization. Within the McMaster University engineering association, we are the only robotics team run by undergraduate students.

As a young team, we have unlimited potential. We were given the highest promotion achievement in the North America division for the 2019 season, mainly due to our outstanding organizational ability. We hope that on the way forward, we can achieve greater success with you on our side!



Talent Recruitment:

- Access information such as team members' resume
- Recruit our most talented members from our team

Brand awareness:

- Feature your *LOGO* on our website and social media
- Display your *company's banner* in our club space and recruiting events
- Present your *enterprise value* to all students interested in our mission.

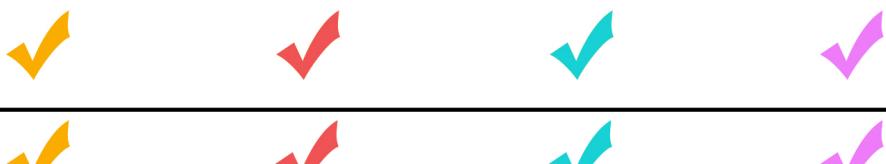
Academic Resources:

- Share with you our findings of the advancements in the technology field most relevant to your company
- Allow your product to take part and shine on a world stage

What We Can Do for You:

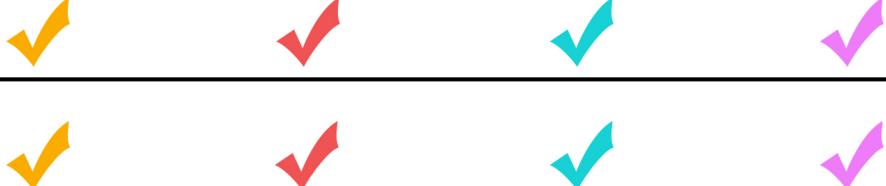
Package	Platinum >\$5,000	Gold \$3,000	Silver \$1,500	Bronze \$500
Recruitment				

- Access to team members' LinkedIn
- Access to Resume



Package	Platinum \$5,000	Gold \$3,000	Silver \$1,500	Bronze \$500
Branding				
Logo on team website	✓	✓	✓	✓
Company's banner in clubspace	✓	✓	✓	✓
Logo on team T-shirt	Printed on Chest	Printed on Back	Printed on Shoulder	
Logo on the robot shell	Printed on All Robots	Printed on Individual Bot		
Exclusive naming right	✓			

- Logo on team website
- Company's banner in clubspace



Logo on team T-shirt

Printed on Chest

Printed on Back

Printed on Shoulder

Logo on the robot shell

Printed on All Robots

Printed on Individual Bot

Exclusive naming right





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