



16.11.2018

## We are officially supported by FIRST!

As of Wednesday 14th November, The FIRST organisation and its strategic partners have become an official supporter of our team. As a means to aid newly founded teams in their first ever regional, FIRST has decided to subsidise us with their annual FIRST Robotics Rookie Team Grant. This significantly reduces our team's initial registration cost and has helped free up extra funding for our team that we can use elsewhere.

## What's next?

Now that we're officially in, we'll be starting to source the components and materials needed for the upcoming season. Along with the parts given to us by FIRST, we will be purchasing extra components and materials for our two planned robots. At the same time, the graphics design and marketing group will be designing merchandise to help market our team to sponsors, stakeholders and other competing teams in the upcoming season.

## Marketing

The past few weeks have been a busy yet successful season in marketing, raising a total of 80,000 RMB while also translating business documents. Helion is already halfway towards its final fundraising goal of 200,000 RMB thanks to the spectacular contributions by all of marketing. I would especially like to commend Cathy Di for her efforts in translating our sponsorship plan and our contract, thus allowing us to pitch Helion to Chinese companies. That said, marketing must maintain focus to keep up this excellent pace; more funds will be required for us to take our next step—ordering all the materials necessary. All in all, it has been an absolute pleasure seeing the hard work put in by not only marketing but also the entirety of Helion.

Kevin Shen, Co-leader of Marketing

## Programming

Currently, the programming team has been working closely with marketing and graphic design to design and code a website to promote Helion Robotics to sponsors. Using elementary HTML and CSS to develop the website, Github for version control and Github Pages for hosting, the team has created a beautiful responsive website that can be found at [helionrobotics.com](http://helionrobotics.com). Specifically, we must commend Paul Lefevre for his outstanding efforts in learning front-end development and updating the website as well as Max Afnan's efforts in ensuring the security of the website. The programming team is busy at work with updating the website as well as preparing for the arrival of our robot parts so that we can begin programming the robot.

Isaac Lim, Co-leader of Programming

# UPDATES



## Engineering

The Helion Engineering Team has been at work learning about different design software for use in the competition. We have chosen to learn and use Autodesk Fusion 360. This software is easy to learn yet can still be used on a professional level which makes it an exceptional choice. The team has spent some spectacular sessions learning how to utilise the software. The learning has since then moved on to practising, planning and designing the robot according to last year's competition. To help them better understand what is possible or impractical for the robot, they have been taught about all the diverse ways the robot's mechanical functions can be executed. After the session, they have made some excellent practical sketches. They will be working to make their designs more sophisticated as the lessons progress. Everyone has put in a significant amount of effort into extending their skill sets, and they will only continue to grow.

Tobias Kausch, Co-leader of Engineering

Once again, we would like to thank you for your grand contributions. The support has been tremendous, and we will continue to work towards our goals and take a step further on the path of success.

## Graphics Design

As the graphics designer of Helion, I have been communicating with the marketing team to settle on merchandise items that will be provided to our team members later on. As additional costs will be contributing towards our funds, we have decided to limit ourselves on T-shirts, pins and possibly hoodies, where our respected sponsors will be displayed. I have already started on designs and will be finishing up as soon as possible. Gathering and negotiating with merchandise companies will then be my next aim. Additionally, I have been working with the programming team to make the visuals more attractive and professional.

Marjorie Yang, Graphics Designer and Media Head

## Progress



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<http://helionrobotics.com>

