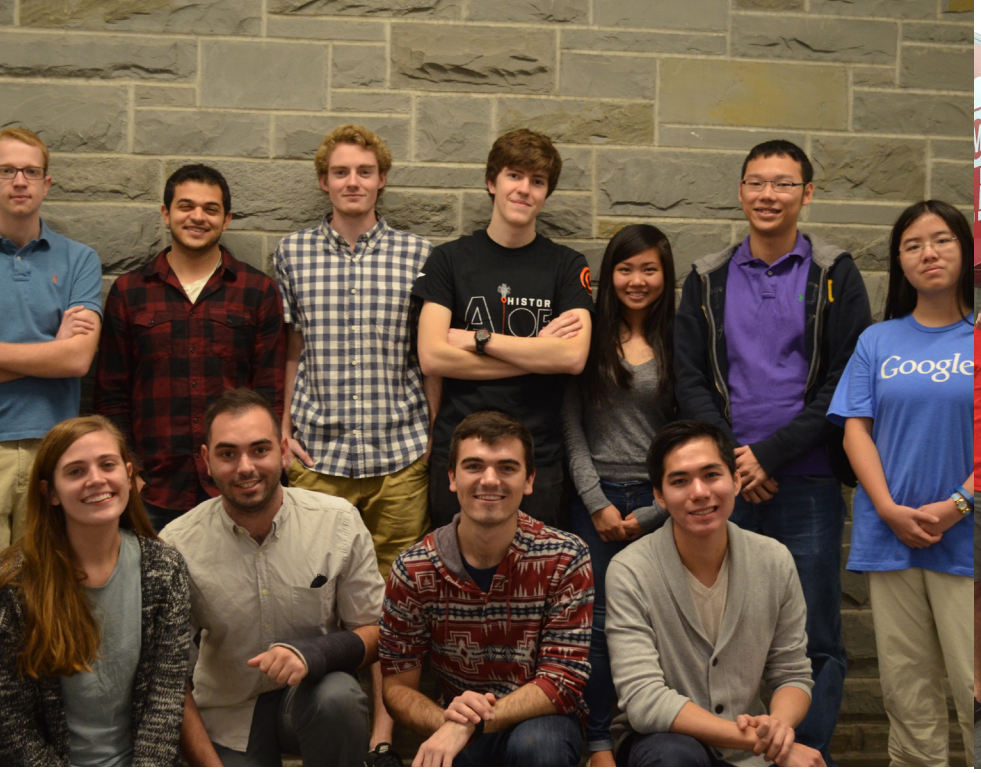
Cornell Cup Robotics

Sponsorship Packet 2017



ABOUT US

Cornell Cup Robotics is a student run organization at Cornell University that designs, manufactures, and creates innovative robotics oriented projects. Over 60 Cornell students work to create dynamic projects that bolster the ingenuity of embedded technologies. Since 2010, these projects have been showcased at many conferences and received support from numerous robotics and technology companies. The objective of Cornell Cup Robotics is to provide a valuable and practical experience for students interested in robotics and embedded systems, and to demonstrate the extraordinary technology that we are able to create.

Highlights

Cornell Cup Robotics has received significant recognition over the past several years. These events include being highlighted by the White House Fact Sheet of Making in both 2015 and 2016, being featured at events such as the Intel Embedded Research & Education Summit in 2014, the National Maker Faire, at Walt Disney World, and the NASA Kennedy Space Center. We have collaborated with multiple high-tech companies over the past 6 years, including: Intel, Mathworks, Tektronix, NASA, Maxon Motors, Pololu, Autodesk, Solidworks, BatterySpace, Moog, and many more.

PTC®
ALTERA
now part of Intel
SOLIDWORKS
ARM
Pololu
Robotics & Electronics
Delaware North
maxon
PRECISION MOTORS
MOOG
MathWorks®
Accelerating the pace of engineering and science

Team History

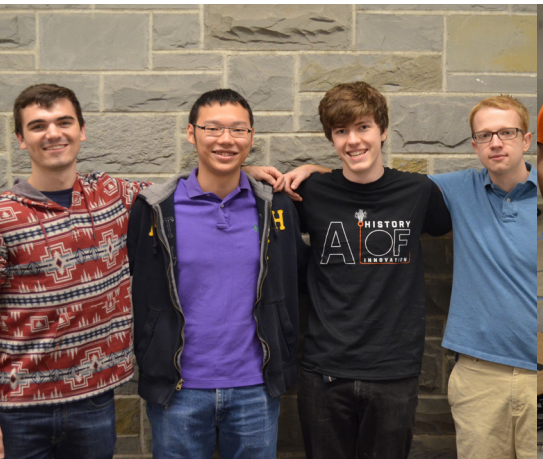
The Cornell Cup Robotics project team has been a part of the Cornell Engineering community since 2010. Over the course of this time, the team has successfully fulfilled an educational need for a practical learning experience for students interested in robotics, embedded systems, computer science and more. Over the years Cornell Cup Robotics has successfully create numerous projects. These projects range from a humanoid robot that is able to play RockBand with 98% accuracy, to an autonomous omni-directional rover named DuneBot, and even functional droids inspired by R2D2 and C3PO. Many of the projects make use of the modular robotics platform ModBot. The team supported the Intel-Cornell Cup, an internationally renowned embedded systems competition, and is now beginning to host the ARM-Cornell Cup.

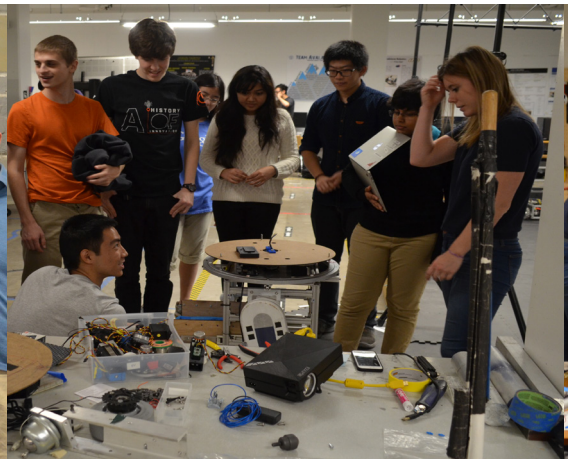
Team Facts

30,000
hours spent on our projects and the Cornell Cup competion each year

6
we come from over six different majors mainly consisting of mechanical engineers, electrical computer engineering and computer science engineers.

1
Our advisor is David Schneider





Our Projects

Minibot

The MiniBot project aims to create a cost effective and intuitive learning platform for undergraduate and high school students to learn about robotics. Our robot will be modular and easy to assemble so students can create anything from line followers and sumo bots to race cars with the system. The base will be compatible with both Vex and Lego pieces and will include custom electronics and modular assembly pieces. The kit will include thorough documentation to allow students to manufacture their own pieces to integrate into the system. Additionally, there will be a simple coding platform where student can quickly upload commands and code to the robot. Students will be able to do everything for the robotic design including electronics, assembly, and the coding commands. Our goal is to make this robot cheaper than the existing robotics kits and more modular to allow creativity to soar!

R2D2

The R2D2 project's objective is to design and build a semi-autonomous lab assistant with the ability to, simultaneously, map out and interact with its environment. The initial R2D2 prototype was manufactured by Cornell Cup Robotics back in 2014. This year the team is working on creating a newer version with even more capabilities. Some feature of the new R2D2 include: object recognition, autonomously navigating a room, and being able to use inverse kinematics to manipulate its robotic arm.

Sponsor The Cornell Cup on ARM Competiton

Sponsorship Levels

Platinum (Over $75,000)

Speaker Opportunity
Special Award Offer Opportunity
Awards Dinner or Special Event Sponsorship
Company Banner at Key Events
Listed in all Press Releases as a Main Sponsor
Resume Book & Final Team Reports
Premium Product Survey & Feedback Interviews
Company Representative Judge
Honorable Mention Applications
Invitation to Main Event

Gold ($50,000-$74,999)

Speaker or Panel Speaker Opportunity
Company Sponsored Award Opportunity
Lunch Sponsorship
Listed in all Press Releases as a Sponsor
Resume Book & Final Team Reports
Premium Product Survey Collection
Honorable Mention Applications
Invitation to Main Event

Silver ($25,000-$49,000)

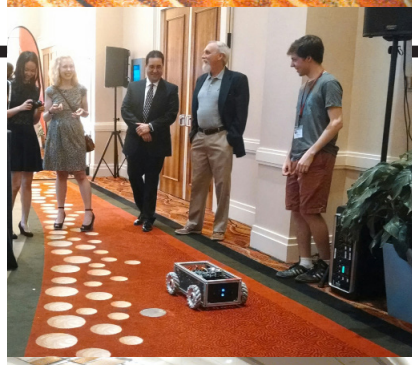
Consideration for Panel Speaker or Speaker
Competition Refreshment or Breakfast Sponsorship
Resume Book & Final Team Reports
Listed in all Complete Sponsor Lists
Student Surveys Customized to Your Products
Access to Honorable Mention Applications
Invitation to Main Event

Bronze ($10,000-$24,999)

Resume Book & Final Team Reports
Listed in all Complete Sponsor Lists
Invitation to Main Event

Basic (Up to $10,000)

Gifts-in-Kind vs. Cash Gift
Gifts-in-kind will be discounted based on normal cost to university community



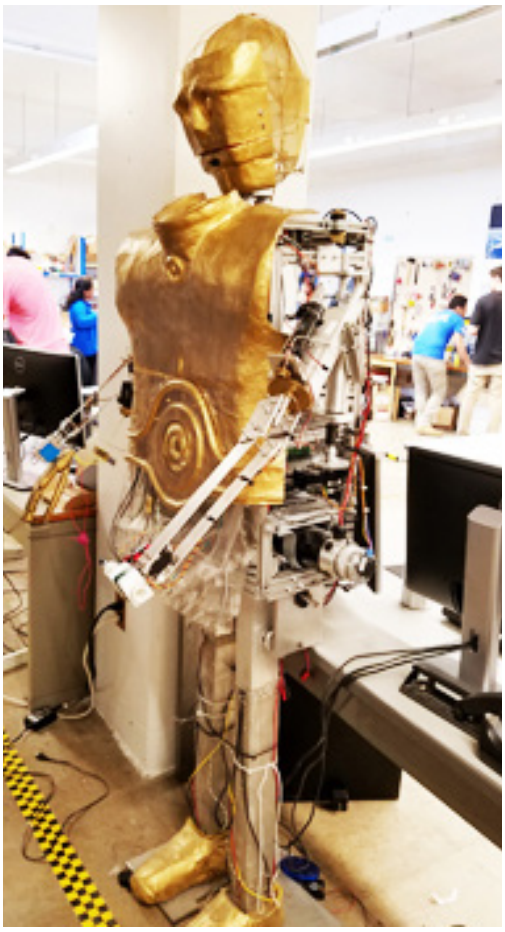
SPONSOR US

Ways you can sponsor the team:

Monetary Donations
Hardware Donations
Software Dontation

Cornell Cup Robotics relies on sponsors in order to create new and innovative projects each year. We could not have achieved our success without the supports of our sponsors. While Cornell University provides the team with laboratory space and test facilities the major part of our team's budget comes from sponsors like you!

Our sponsors receive several benefits when they choose to support Cornell Cup Robotics. The team consists of over 60 dedicated students interested in computer science, mechanical engineering, and electrical and computer engineering who gain experience with our sponsor's products. Additionally, sponsors receive the benefit of increased exposure on Cornell's campus via team events, like expos and recruiting, that are held annually. Sponsors are welcome to view our teams resume book and contact our active team members throughout the year.
Sponsors are also prominently displayed at conferences and events that the team attends annually alongside our new projects.



Contact Us

Cornell University
612 Rhodes Hall
Ithaca NY, 14853

CornellCupRobotics@gmail.com

Sponsorship Levels

Platinum (Over $5,000)

- Company

logo on tri-annual newsletter sent to alumni, staff and students
- Company name on ‘17 t-shirt and competition uniform
- Company name, logo and website link on the team website
- Company name on ‘17 competition paper, poster, brochure and sponsorship packet
- Company name prominently displayed at student recruiting events and expo events

Gold ($2,500-5,000)

- Company logo on competition projects
- Company name on ‘17 t-shirt
- Company name, logo and website link on the team website
- Company name on ‘17 competition paper, poster and brochure
- Company name displayed at student recruiting events and expo events

Silver ($1000 to $2,500)

- Company name on ‘17 competition uniform
- Company name, logo and website link on the team website
- Company name on ‘17 competition paper, poster and brochure
- Company name prominently displayed at student recruiting events and expo events

Bronze (Up to $1000)

- Company name, logo and website link on the team website
- Company name on ‘17 competition paper, poster and brochure
- Recognition in next newsletter and alumni mailings
- Company name prominently displayed at student recruiting events and expo events

Thank You

Our achievements would not be possible without the generous support of individuals and industry partners like yourselves.

Platinum Sponsors

ARM

Silver Sponsors

PTC®

MathWorks®
Accelerating the pace of engineering and science

ALTERA®
now part of Intel

Delaware North

maxon
PRECISION MOTORS

SOLIDWORKS

MOOG

Bronze Sponsors

Pololu
Robotics & Electronics