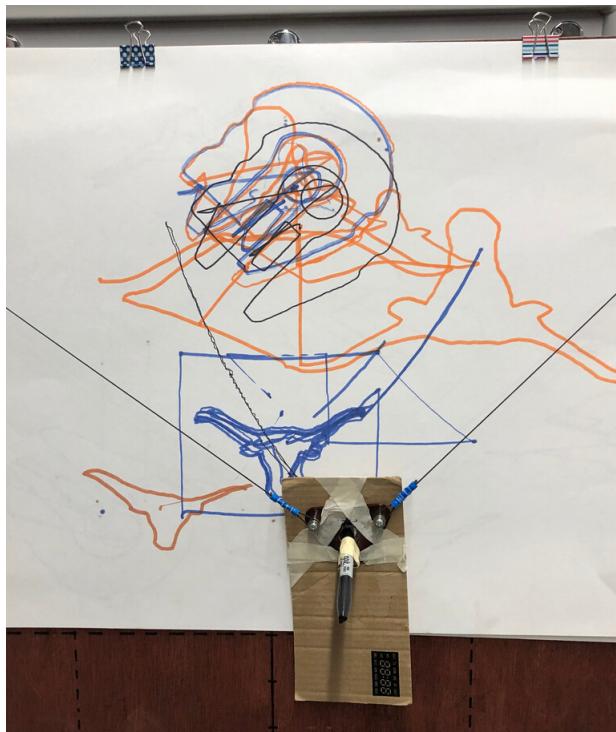


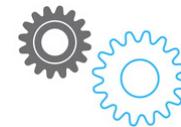
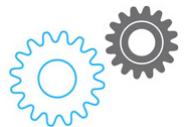
# Contents



Experience Level: the more stars, the more experience recommended

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Institute of Electrical and Electronic Engineers

## Robotics and Automation Society

University of Texas at Austin



## Connect With US

Whether you're after something casual or technical, RAS is the place for you. Our projects are all do-able and we welcome students from any background.

Office: EER 0.822

Instagram: [ut\\_ieee\\_ras](#)

Github: [github.com/ut-ras](#)

Website: [ras.ece.utexas.edu](#)

Slack: [utras.slack.com/signup](#)

Twitter: [twitter.com/UT\\_RAS](#)

Remind 101: Text "@utras20" to 81010

Calendar: [ras.ece.utexas.edu/calendar.html](#)

Facebook: [www.facebook.com/groups/ut.ieee.ras/](#)



# Join RAS!

**Sign Up at a General  
Meeting  
or at EER 0.822**

Dues: \$15 semesterly  
\$20 additional for Robotathon

ALL MAJORS  
ARE  
WELCOME!



Soda	\$0.50
Chips	\$0.50
Candy Bar	\$0.75
Fruit Snacks	\$0.25
Oreo	\$0.50
Oreo Sleeve	\$1.00
Animal Crackers	\$0.50
Chicken Noodle Soup	\$1.00
Vegan Noodle Soup	\$1.50

# SNACK SHOP

EER 0.822

**Cash or Venmo**

Subject to change, please visit  
[ras.ece.utexas.edu/snack\\_shop.html](http://ras.ece.utexas.edu/snack_shop.html) PAGE 3

Popcorn	\$0.50
Pop-tarts	\$0.50
Pudding Snack Pack	\$0.25
Ritz Crackers	\$0.50
Tea	\$0.25
Clif Bar	\$1.00
Matcha Kit-Kat	\$0.50
Nature Valley Protein	\$0.50
Rice Krispy	\$0.50
Milano Cookies	\$0.50
Japanese Gummies	\$0.25



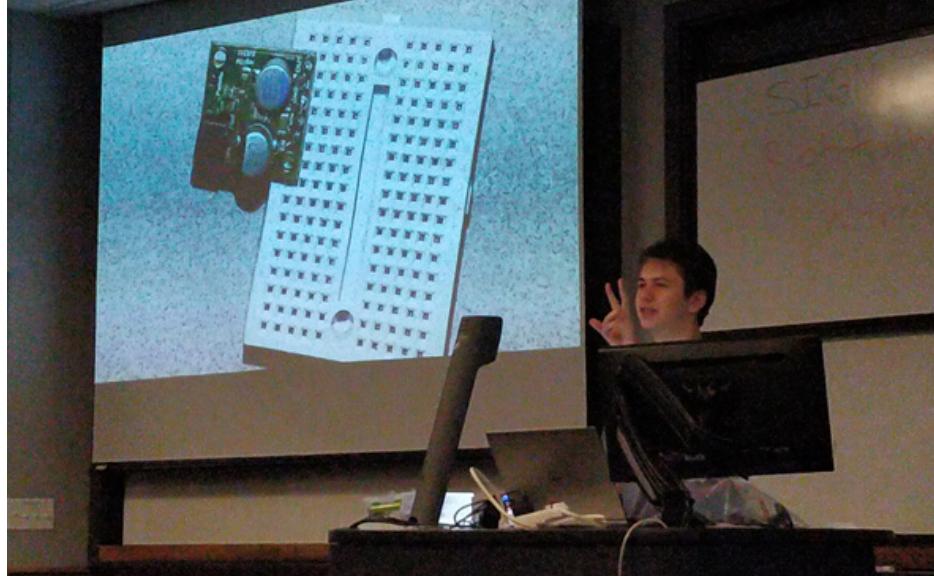


# Outreach/Socials

FLL Build Day  
Gone to Engineering  
Introduce a Girl to Engineering Day



Video game nights  
Board game nights  
Movie nights



# Robotathon

Robotathon is a fall semester introductory robotics competition, that teaches the basics of robotics to those new (or used) to the field.

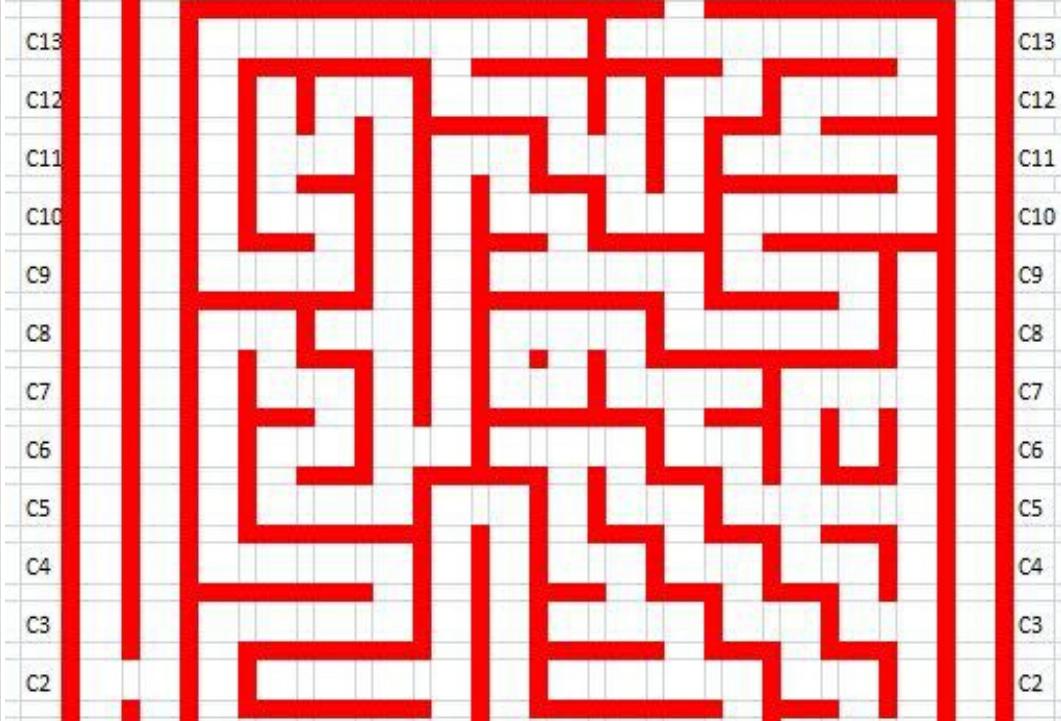
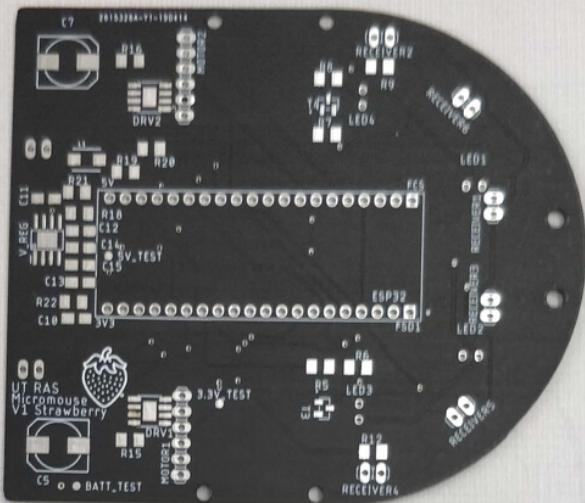
About 150 participants are placed in teams of 5-7 people, assigned a mentor, and helped through designing and building a robot.



# Demobots

Demobots is one of RAS's non-competitive committees, where RAS members can get involved in a variety of student-led robotics projects. This semester we have made progress on our long term projects and set up some interactive demos for outreach events.

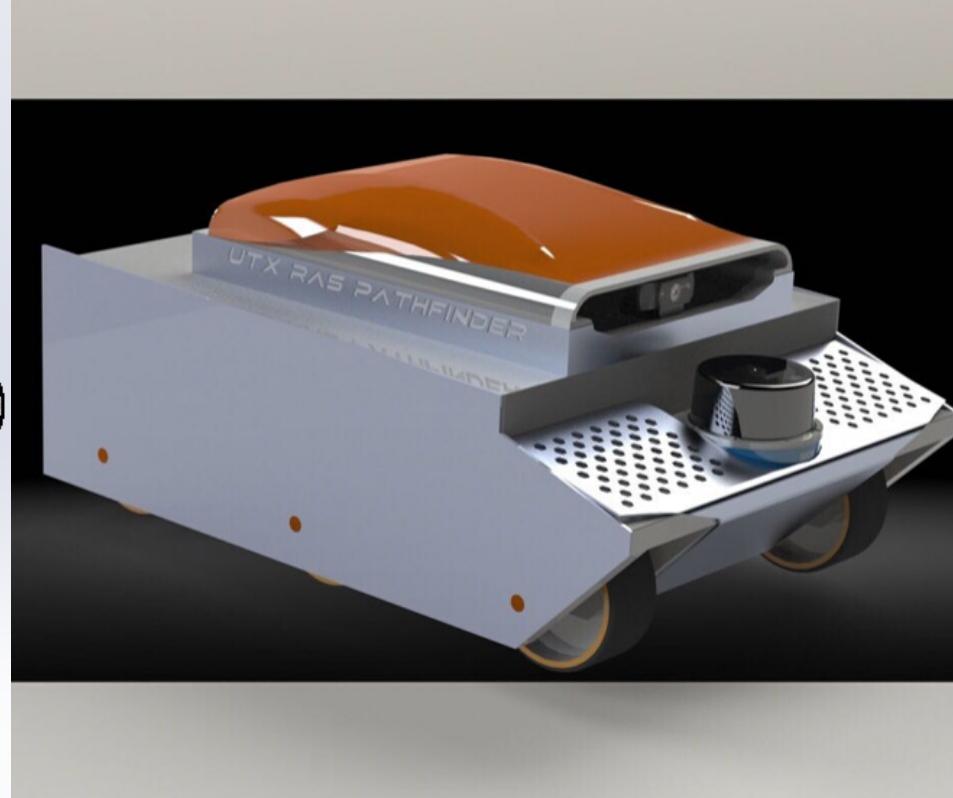
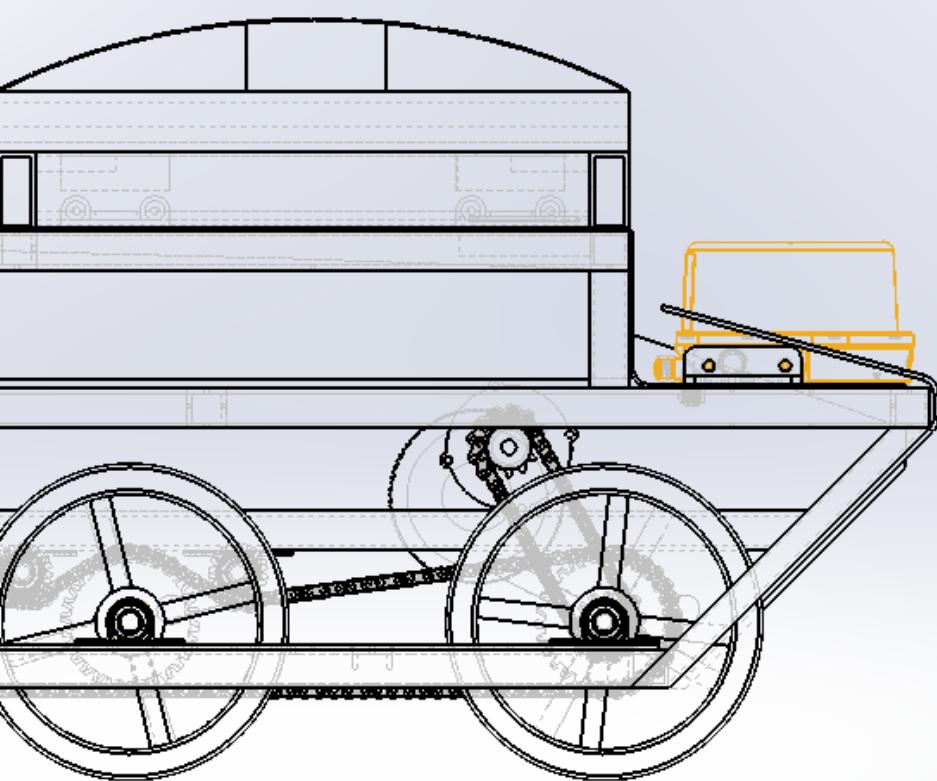




# Micromouse

Micromouse consists of an autonomous maze mapping and solving robot.

This year the competition that we are going to will be in California. Currently, our committee is experimenting with sensors, a new micro-controller, and algorithms for the robot.



# IGVC

IGVC is an annual competition where team design and build an autonomous ground vehicle capable of completing several difficult challenges.

We are looking for:

1. EEs interested in learning how to make hardware designs
2. MEs to train in CAD suites for future upgrades and machining experience
3. CS/EE majors who want to learn ROS Python to program our navigation algorithms involving sensor fusion

# DJI RoboMaster (NEW)

This year, students will have the opportunity to participate in the DJI RoboMaster competition.

The annual competition consists of two types of challenges: Technical and AI.





**CORPORATE  
COMMITTEE (NEW)**

# **RECRUITING ECE CNS MECH ENG REPRESENTATIVES**

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**CONTACT ASAP:  
ras\_corporate  
@utlists.utexas.edu  
CORPORATE DIRECTOR**

# **LEADERS BULLETIN**

**President**, Ian Krause

**Vice President**, Reiko Corteza

**Treasurer**, Benjamin Belov

**Director of Corporate Relations**, Wendy Rodriguez

**Corporate Relations Mentor**, Xinyi (Julie) Zhu

**Outreach Coordinator**, Rosanna Rincon

**Secretary/Publicity Coordinator**, Caitlin Montgomery

**Historian/Webmaster**, Rosanna Rincon

**Special Events Coordinator**, Wendy Rodriguez

**Robotathon Co-Head**, Matthew Yu

**Robotathon Co-Head**, Burak Biyikli

**Demobots Head**, Caitlin Montgomery

**Micromouse Head**, Allen Jiang

**IGVC Head**, Peter Mathews

**DJI RoboMaster Head**, Joshua Johnson

**Faculty Advisor**, Jonathon Valvano

