ECE Students, [Change to CS for CS mailing list]

**GT Off-Road Racing’s data acquisition, electrical, and software teams are recruiting new members!**

We welcome students from all majors and years regardless of experience. **No prior knowledge is needed!** We will have training sessions to catch you up to speed on whatever skills you need.

GT Off-Road is a Baja SAE engineering club that designs and builds a custom off-road vehicle every year. Our teams’ mission is to design systems to collect data to inform future design decisions on our car.

Our team gets involved in PCB design, circuits, C/C++ embedded coding, Python, and experiment design. Some of our current projects include:

* Custom sensor PCBs (IMU sensors, force sensors, etc.)
* An electric continuously variable transmission (eCVT)
* A dashboard PCB with speedometer and tachometer on the car
* Real time GPS tracker
* Wireless data collection through microcontrollers
* Real-time data visualization Python application
* An engine and shock dynamometer

If you are interested in learning more, please fill out our interest form (<https://tinyurl.com/GTORF2021>) and join us for one of our interest meetings below.

* Info Session #1
  + Date: Wednesday, September 1st
  + Time: 6:00pm – 7:00 pm
  + Location: Skiles Room 256
* Info Session #2
  + Date: Thursday, September 2nd
  + Time: 6:00pm – 7:00 pm
  + Location: Skiles Room 256

If you have any specific questions, feel free to contact one of our leads directly! We are more than happy to answer any questions.

Data Acquisition Lead: Andrew Hellrigel ([ahellrigel3@gatech.edu](mailto:ahellrigel3@gatech.edu))

Electrical Lead: Ryan Chen ([rchen390@gatech.edu](mailto:rchen390@gatech.edu))