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
* Engine and shock dynamometers
* Radio/Comms Systems

If you are interested in learning more, please fill out our interest form (<https://forms.gle/trFmRChxtJnh9rxD9>).

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: Vishnav Deenadayalan ([vishnavdeena@gatech.edu](mailto:vishnavdeena@gatech.edu))

Electrical Lead: Param Pithadia ([ppithadia6@gatech.edu](mailto:ppithadia6@gatech.edu))

Software Lead: Ben Boeckman ([bboeckman3@gatech.edu](mailto:bboeckman3@gatech.edu))