

CARBench v0.5: Benchmark Suite for AV Software

- Goal: First iteration of a benchmark suite for autonomous vehicle software
- Similar to MAVBench, but specific to cars instead of drones
- Use AirSim as simulation engine for cars
- Describe applications and algorithms that will be required
- Identify additional software libraries that would be need to be integrated
- Attempt to stand up a minimal test environment before end of semester
- Team Members: Michael Emanuel & ???
 - If you're interested in working with me, email me or let's talk in person after class.
 - This is going to be a cool project but too big for just one person...
 - It will go way better with a strong team!