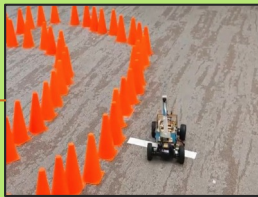
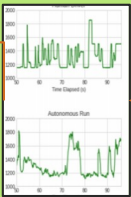
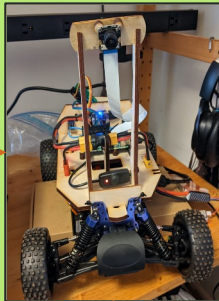


# JOIN US FOR THE CHAMELEON USER MEETING!

```
list Chameleon from where to operate
chameleon_site("chameleon")
chameleon.set({"project_name", "CH-777777"})

# Reserve a container lease
lease.add_device_reservation(reservations=[], count=1, device_model="A")
container_lease = lease.create_lease("lease", reservations)
lease.wait_for_active(container_lease["id"])
print("Lease: {container_lease['name']} is available.")

# Provision containers and append them to a hashset
PORT = "7777"
DIR = "/tmp/chameleon"
letter_list = [{"a": i+1} for i in range(container_lease["reservations"][0]["count"])]
device_list = [container.create_container(name=f"container-{letter}",
    image="al",
    image_driver="glance",
    workflow="DIS",
    exposed_ports=[PORT],
    command=["python", "-m", "http_server", PORT],
    reservation_id=container_lease["reservations"][0]["id"])
    for letter in letter_list]
edge_device = dict(zip(letter_list, device_list))
container.execute(container_lease["id"], ["import distro"])
```



*Students in a class taught by Rick Anderson at Rutgers use Chameleon to allocate raspberry Pis associated with self-driving cars as well as Chameleon GPUs for learning and inference.*

**Chameleon is an open testbed!**

Chameleon is an NSF-sponsored edge to cloud testbed for Computer Science research and education.

Get access to innovative architectures (Intel, AMD, ARM), GPUs (A100, V100, RTX6000), FPGAs (Xilinx Alveo U280), Storage (NVMe SSD, NVDIMM), and fast networks!

**This year's theme is teaching and learning:** Our education mini-symposium will showcase digital Instructional materials, our tutorials will quickly teach you about the range of resources!

**When:** May 2-3, 2023

**Where:** Crerar Library

at the University of Chicago

**Register here:**



[www.chameleoncloud.org](http://www.chameleoncloud.org)