

499 Weekly Report

October 16th

Hunter Hottest Sites

Eli's Work

From Last Week

Code:

- ☐ Start putting packets in their corresponding time buckets, and make sure it works.
- ☐ Learn plotly! Try to do a live stream using data collected.
- ☐ ~~Finally deploy the PI and get at least 3 hours of traffic?~~
- ☐ ~~Export the packet time intervals using unix timestamp format? (seconds since 1970).~~
- ☒ Fix bogus destinations/domain names. Whether manually, or grab just what's relevant.

Project:

- ☐ Learn about the subnets at Hunter and find out on which subnet/wifi we get the most traffic from students.
- ☐ ~~Finalize script and leave it running for a day (Minute) to find out what type of results we get.~~

Added Mid Week

Code:

- ☒ Created new process to capture desired websites, while still having one process capturing all.
- ☒ Ran the script on RPI in library for 20 minutes, uploaded data to git.
- ☒ Implemented trigger mechanism stop writing data to JSON given a specific signal.
- ☐ Open socket and send data to Oliver's server (as soon as it's ready)

For Next Week

Code:

- ☐ Start putting packets in their corresponding time buckets, and make sure it works.
(waiting on Oliver to tell me what format he wants.)
- ☐ Deploy the PI in the library (When Oliver opens port on server, and Leon talks to librarian.)
- ☐ Do more research on plotly, implement it on your modules?
(Backup solution to visualize data, something to do while the team works on 3D.JS)

Project:

- ☐ Learn about the subnets at Hunter and find out on which subnet/wifi we get the most traffic from students. *(will do this once we have all the tools in place)*