

# CMSI 355

## NETWORKS

Spring 2020

### Assignment 0121

This assignment starts up your reading for this course and seeks to set up some accounts that we'll use (if you don't already have them).

### Background Reading

Start immersing yourself into the world, concepts, and seminal documents of computer networking. All recommended readings are online and linked from the course website:

- Hobbes' Internet Timeline
- Primary sources are awesome!
- Vint Cerf and Robert E. Kahn's seminal paper on packet switching
- RFC 1925: "The Twelve Networking Truths"
- RFC 2119: "Key words for use in RFCs to Indicate Requirement Levels"
- RFC 3339: "Date and Time on the Internet: Timestamps"

And, if you have access to it, read Chapters 1–3 of the Comer networking book for a more guided introduction to this area.

### What to Do

This assignment is simple, just "get this information to me," but it's still worth points so...

- If you haven't already done so, acquire a GitHub ID/account.
- Screen capture videos will be shared as invitation-only private YouTube links. Thus, if you don't already have one, acquire a Google account that can be used to access such links.

### Git Software Setup & Practice

At this point, you have used GitHub to some degree in prior courses. With this course, we will use *git* as closely to "professional" as we can get it. This means using the actual *git* client from your computer, and not necessarily just the GitHub website.

Install *git* on the computer(s) where you will be doing work for this course. There are many ways to install the software, so no single set of instructions can be provided. This GitHub help page can get you going:

<https://help.github.com/articles/set-up-git>

Once you have *git*, find tutorials that let you practice performing operations with it, particularly *status*, *add*, *commit*, *push*, and *pull*. Create some play repositories under your account for practicing these operations. Practice with a classmate also, to get the hang of working with *git* collaboratively.

If you get stuck, ask me.

### What to Submit

Because this information may be personal/private, relay your *GitHub username* and video-sharing *Google account email address* to me via Brightspace. An "assignment" has been set up for this under which you can enter the information.