**ITP 325 – Lab 01 – Submission Setup**

**Due:**

1 minute before the next class lecture

**Submission:**

1. Answer the questions at the end of this file, and name the document lab01.docx
2. Download the instructor’s GPG key from the following location:

<https://sites.google.com/a/usc.edu/chiso/files>

GPG encrypt the \*.docx with the instructor’s and your own GPG key.

1. Place the encrypted document into the repo and push to changes GitHub

**Procedure:**

1. **Windows**, download and install Git from the following:

<https://desktop.github.com/>

If you are having issues getting the desktop software to install or run, you can manually install Git from the following:

<https://git-scm.com/download/win>

If you install it manually, make sure to remember that when we get email encryption, do you will need to do things manually.

**OSX**, download and install Git from the following:

<https://git-scm.com/download/mac>

1. Go to Github and create an account

<https://github.com/>

* To setup your username following the following algorithm

If your USC email is **ttrojan@usc.edu** then set your GitHub username to be **uscitp-ttrojan**

**Note:** if for any reason the name is already taken, email and inform the instructor.

* Use whatever password you like

1. Open the following guide and follow the instructions to finish your setup of Git and GitHub:

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

1. Create your submission repository by following the instructions from the following:

<https://help.github.com/articles/create-a-repo/>

Name the new repository after the class you are taking. For example if the class is ITP 125, name the repository itp125

1. Finish the free Codecademy lesson (Unit 01) regarding Python:

<https://www.codecademy.com/learn/python>

**Questions:**

1. Was that hard?
   1. NO.

**FAQ:**

1. **Should I use my actual university email address?**  
   Probably not. Just use a fake email account.
2. **What if I already have a GitHub account, can I use two different accounts on the same machine?**  
     
   Yes. All you have to do is after you clone the itp125 (or whatever your class repo is) repo, create a folder within the repo called:

*.git*

Then within that folder, create a file called:

*config*

Within that *config* file, add the following lines:

[user]

name = uscitp-ttrojan

email = a123456@trbvn.com

Replace the fields as needed.

1. **In OSX, I get an error message with the “xcrun: error”. How do I fix it?**Open up terminal, and run the following command:

*xcode-select --install*

Remember, do not install GitHub Desktop, instead install Git from the following:

<https://git-scm.com/download/mac>

Reference:

[stackoverflow](http://stackoverflow.com/questions/32893412/command-line-tools-not-working-os-x-el-capitan)

1. **I’ve tried FAQ #2 to fix the dual GitHub account issue, but it doesn’t seem to be working. Any other solution?**

In the “125” repo, just add your normal GitHub account as a collaborator. That way you can use the same account for multiple repos.

**Videos:**

* [Setup GitHub](https://youtu.be/ZuwrN57_EWA)
* [Setup a Repository on GitHub](https://youtu.be/V7nfvfnKjqg)
* [Setup GitHub Desktop on Windows 7](https://youtu.be/YnnDSPvEp7M)
* [Upload to GitHub with 7zip on Windows 7](https://youtu.be/C-cZnkjP6LE)