

Git and GitHub Instructions

ASTR 5900 - Machine Learning

Fall 2017

Setup

- Create a GitHub account: <https://github.com/>
- Use the GitHub Classroom link from your email to create a private homework repository. Clone this repository to your computer:

```
$ git clone https://github.com/OUML/hw-<USERNAME>.git
```
- Note the class repository (<https://github.com/OUML/astr-5900-f17>) and clone it to your computer:

```
$ git clone https://github.com/OUML/astr-5900-f17.git
```

Downloading Homeworks

- As the homeworks become assigned they will be posted on the class repository. Download them by merging the remote class repository to your local clone:

```
$ git pull origin master
```

Move the respective homework file to your local homework repository.
- Once in your homework repository, gradually commit changes to the file as you see fit. First STAGE the changes:

```
$ git add <HW-FILE>
```

then COMMIT them:

```
$ git commit -m "<APPROPRIATE COMMIT MESSAGE>"
```

Uploading Homeworks

- Push your commits to your respective remote homework repository by the deadline:

```
$ git push origin master
```

The working status of your files are the only things being graded. Said in another way, make sure your homework is completed in the latest commit you push because graders aren't going to search through your commit history. If you create multiple branches, your homework submission must live in the **master** branch.