

**Dylan Pena Perez**

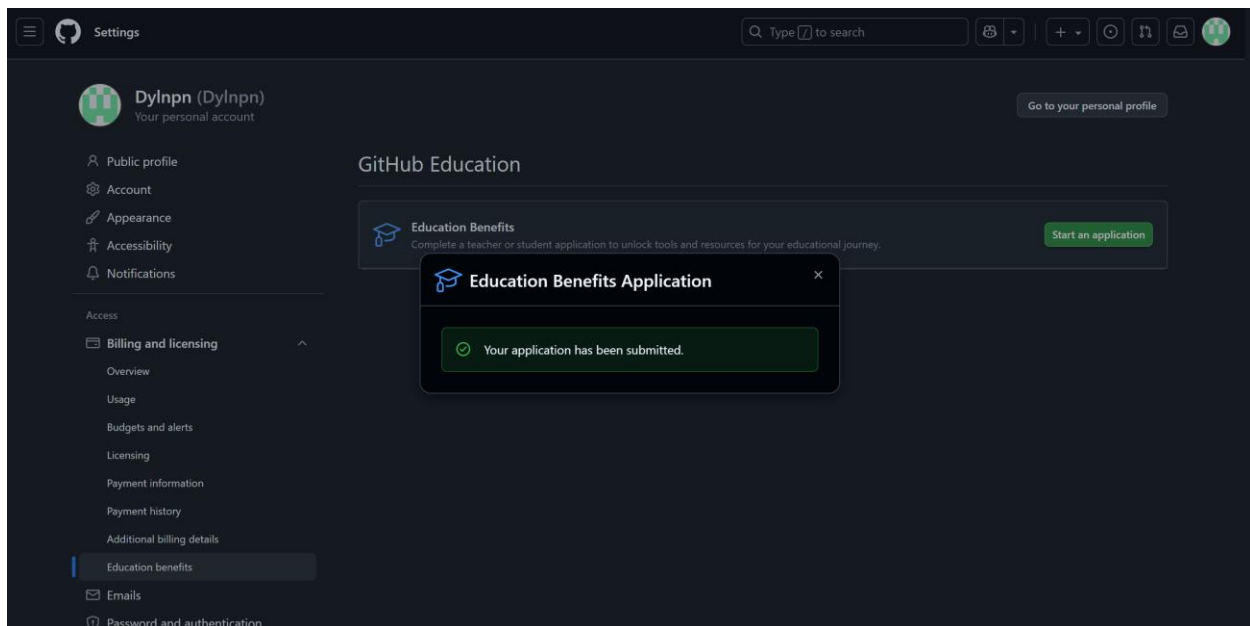
**ASTE 404**

**HW #4**

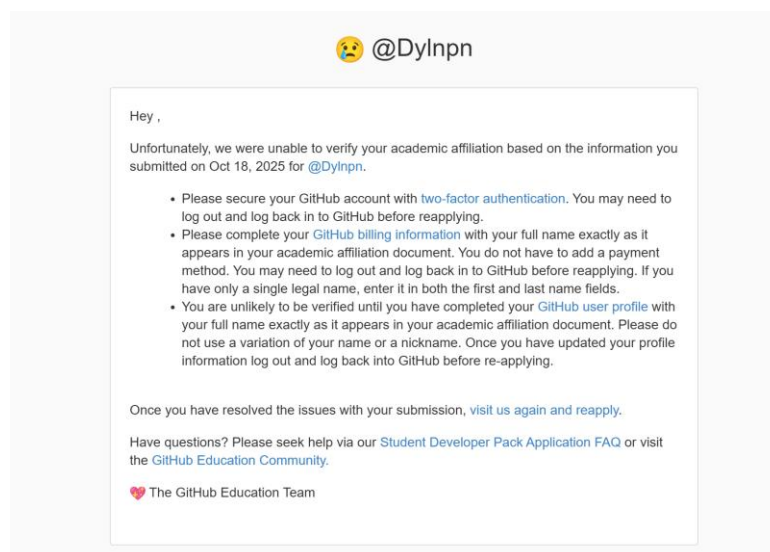
## **Homework #4 - GitHub**

### **GitHub Education:**

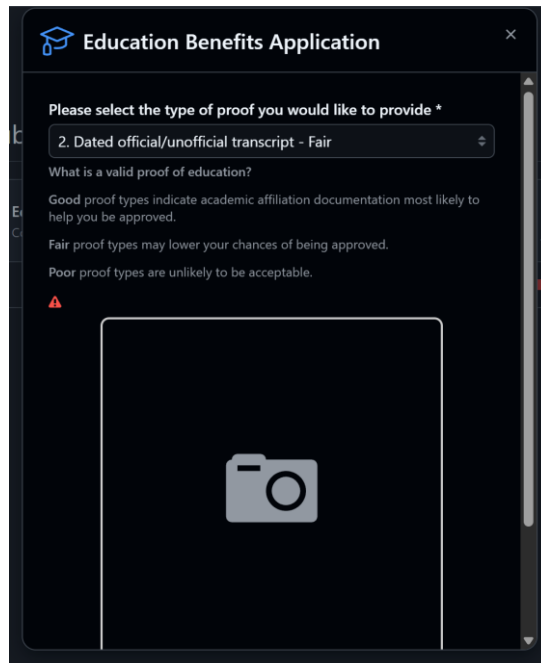
The Education application was submitted on GitHub.



Got denied:



Fixed my profile but cannot apply again. When I try to submit another application with a screenshot of my transcript, I get the following:

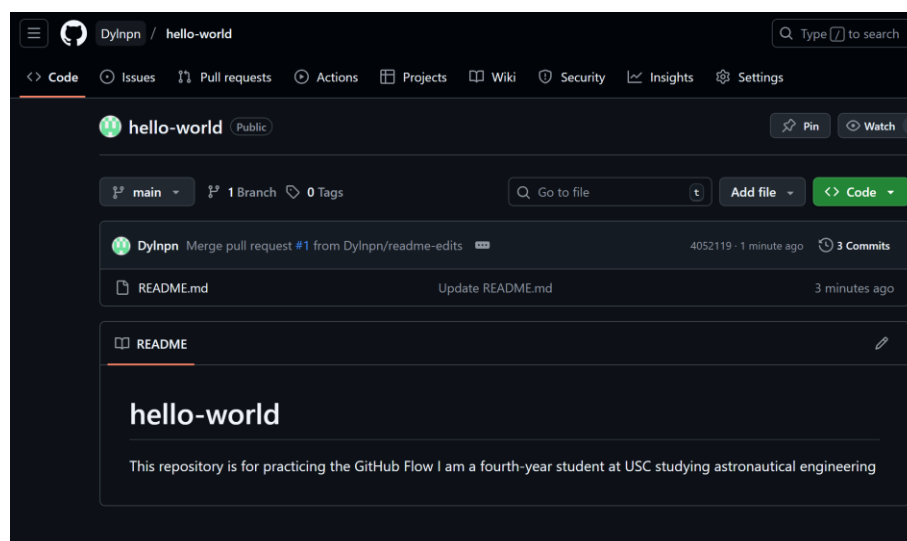


The screenshot shows a web form titled "Education Benefits Application". It has a dropdown menu with the selected option "2. Dated official/unofficial transcript - Fair". Below the dropdown, there is explanatory text: "What is a valid proof of education?", "Good proof types indicate academic affiliation documentation most likely to help you be approved.", "Fair proof types may lower your chances of being approved.", and "Poor proof types are unlikely to be acceptable." At the bottom of the form, there is a large rectangular area with a camera icon, indicating where to upload a photo or document.

Unsure what this means. But I will give it a couple of days before I apply again and see if this issue comes up again.

## Repository Practice:

Created Repository and practiced branching:

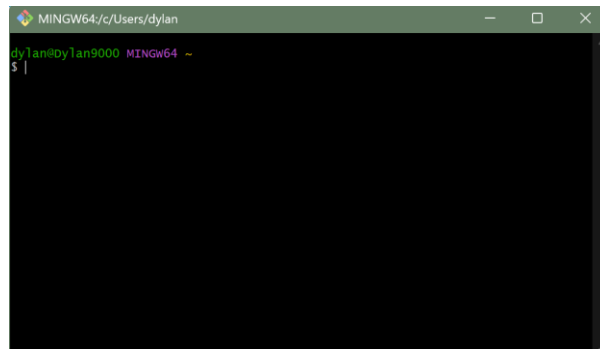


## Why Use Git and Version Control?

Version control is useful because it keeps a history of every change, allowing teams to compare versions, go back to prior work safely, and coordinate additions without overlapping. Source Code Management is essentially the same, tracking a log that is always changing, preventing overwrites and conflicts with merging. This is important for projects and teams of scalable size. Git is the open-source distributed VCS, as the working copy is a full repository with efficient content storage. Git has great performance, security, and flexibility.

## Installing Git

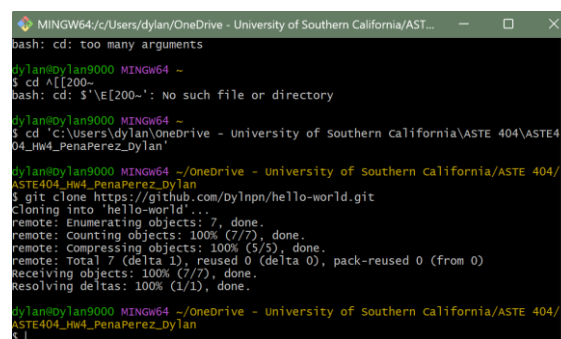
Installed successfully:

A terminal window titled 'MINGW64/c/Users/dylan' with a dark background. The prompt is 'dylan@dylan9000 MINGW64 ~'. The user has entered '\$' and the cursor is on the next line.

```
MINGW64/c/Users/dylan
dylan@dylan9000 MINGW64 ~
$
```

## Git Clone:

Git clone was successful.

A terminal window titled 'MINGW64/c/Users/dylan/OneDrive - University of Southern California/AST...' with a dark background. It shows the output of a 'git clone' command. The prompt is 'dylan@dylan9000 MINGW64 ~'. The user has entered '\$ cd 'C:\Users\dylan\OneDrive - University of Southern California\ASTE 404\ASTE404\_Hw4\_PenaPerez\_Dylan'' and the terminal shows the clone progress.

```
MINGW64/c/Users/dylan/OneDrive - University of Southern California/AST...
bash: cd: too many arguments
dylan@dylan9000 MINGW64 ~
$ cd A[[200~
bash: cd: '$\E[200~': No such file or directory
dylan@dylan9000 MINGW64 ~
$ cd 'C:\Users\dylan\OneDrive - University of Southern California\ASTE 404\ASTE404_Hw4_PenaPerez_Dylan'
dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/ASTE404_Hw4_PenaPerez_Dylan
$ git clone https://github.com/dylnpn/hello-world.git
Cloning into 'hello-world'...
remote: Enumerating objects: 7, done.
remote: Counting objects: 100% (7/7), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 7 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (7/7), done.
Resolving deltas: 100% (1/1), done.
dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/ASTE404_Hw4_PenaPerez_Dylan
$
```

I then added my PDF file to the hello-world repository from my computer.

```
MINGW64:/c/Users/dylan/OneDrive - University of Southern California/AST...
dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan
$ hello-world
bash: hello-world: command not found

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan
$ cd hello-world

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        ASTE404_HW4_PenaPerez_Dylan(NOT FINAL).pdf

nothing added to commit but untracked files present (use "git add" to track)

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ |
```

When trying to commit my changes I got the following:

```
MINGW64:/c/Users/dylan/OneDrive - University of Southern California/AST...
$ git add ASTE404_HW4_PenaPerez_Dylan(NOT FINAL).pdf
bash: syntax error near unexpected token `('

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git add ASTE404_HW4_PenaPerez_Dylan_NOT_FINAL.pdf

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git commit -m "Add a snapshot of the assignment report"
Author identity unknown

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'dylan@dylan9000.(none)')

dylan@dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$
```

Had to enter my identity using my email and then I was able to commit and push my changes.

```
MINGW64:/c/Users/dylan/OneDrive - University of Southern California/AST...
dylan@Dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git config --global user.email "penapere@usc.edu"

dylan@Dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git commit -m "Add a snapshot of the assignment report"
[main deda6f9] Add a snapshot of the assignment report
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 ASTE404_HW4_PenaPerez_Dylan_NOT_FINAL.pdf

dylan@Dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$ git push origin main
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 16 threads
Compressing objects: 100% (3/3), done.
writing objects: 100% (3/3), 454.72 KiB | 18.19 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Dylnpn/hello-world.git
 4052119..deda6f9  main -> main

dylan@Dylan9000 MINGW64 ~/OneDrive - University of Southern California/ASTE 404/
ASTE404_HW4_PenaPerez_Dylan/hello-world (main)
$
```

## VS Code:

Successfully integrated Git in VS Code. Now, I will provide instructions on how to change, stage, commit, and push changes into my “Hello World” repo through VS code.

1. Open folder on VS Code where your repo is located.
2. Click on source control (looks like a branch).
3. Ctrl + P, and look up file
4. Edit file and Ctrl + S
5. Open Git Bash
6. cd 'C:\Users\dylan\OneDrive - University of Southern California\ASTE 404\ASTE404\_HW4\_PenaPerez\_Dylan\hello-world'
7. \$ git config --global user.email penapere@usc.edu
8. \$ git config --global user.name dyln.pn
9. Then you can commit changes on VS Code
10. Merge the new branch with main branch
11. Upload to Git Hub
12. And then accept changes on Git Hub!