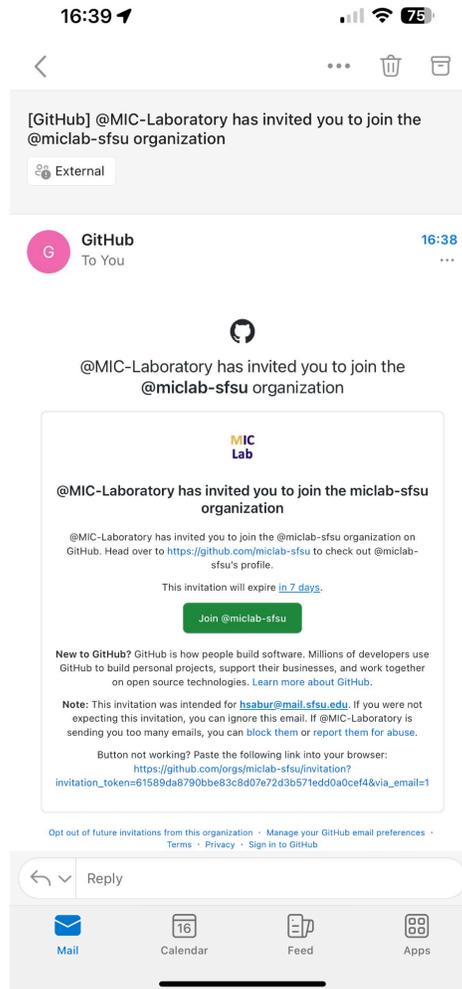


MIC Lab GPU Server Setup Setup Guidance

1. Permission

- a. Email your GitHub account name to Dr. Qin
- b. You will receive a GitHub organizations invitation from MIC-Lab GitHub and accept the invitation

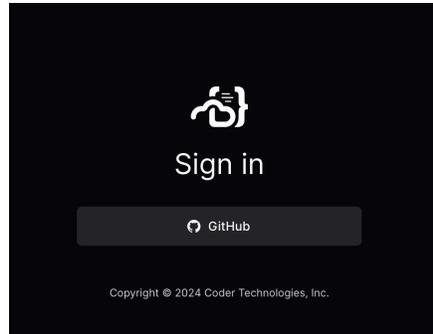


2. Server Login and Workspace Creation

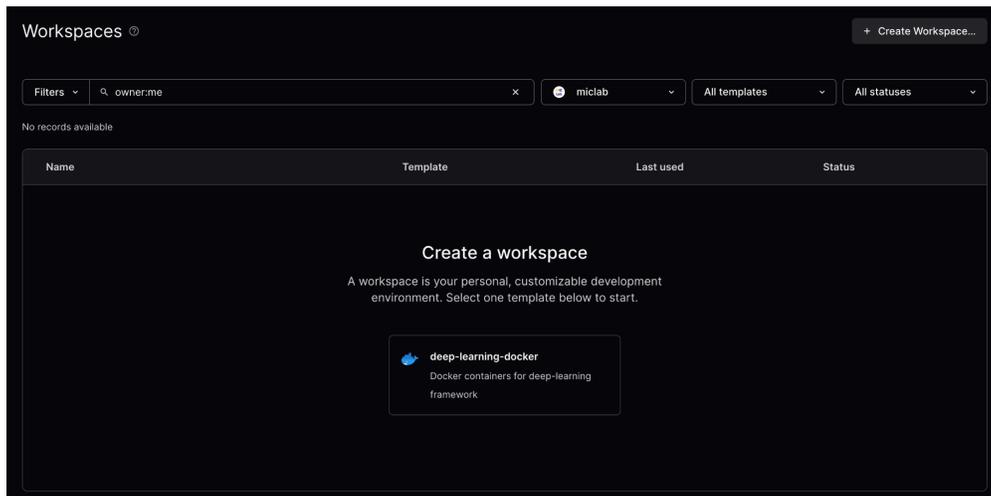
a. Sever sign-in portal with your GitHub account:

Server 1: <http://server1.sfsu-miclab.org>

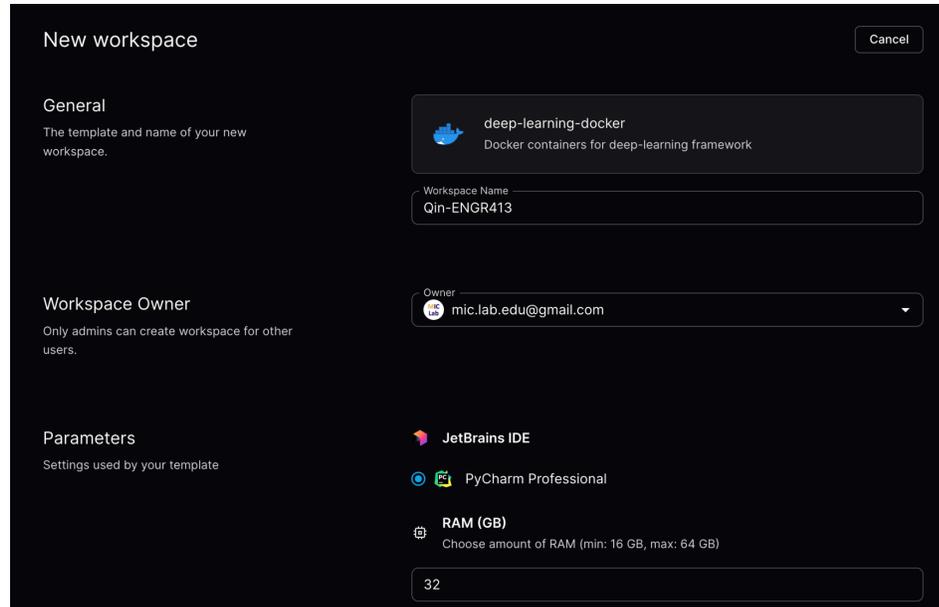
Server 2: <http://server2.sfsu-miclab.org>



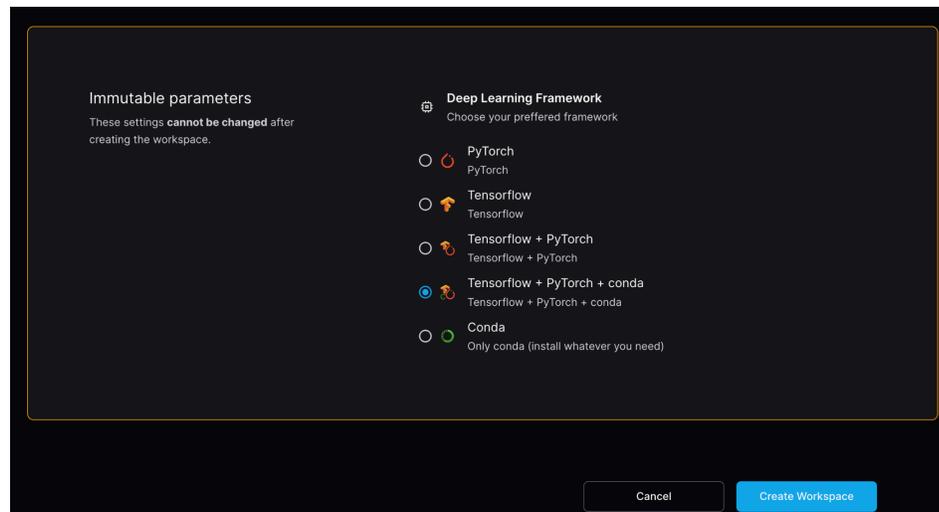
b. Create a workspace by clicking the deep-learning-docker:



c. Name the Workspace with your LastName and Project Name (e.g, **Qin-ENGR413**):



- d. Select Deep Learning Framework based on your need and click Create Workspace:

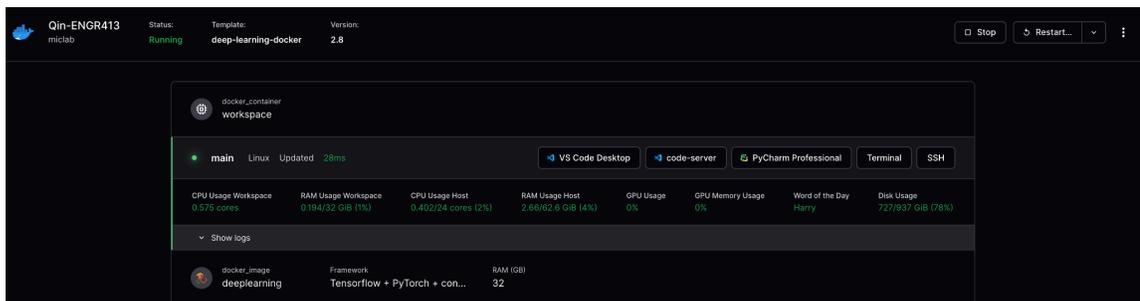


- e. It will take a few minutes to set up.

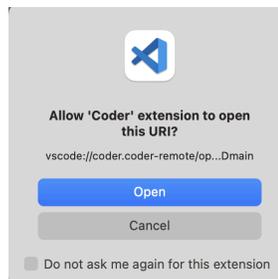
```
Status: Starting Template: deep-learning-docker Version: 2.8
Starting workspace... Up to 95 seconds remaining...
Build logs
Starting workspace 10 seconds
10:23:36.894 docker_volume.usr_volume: Creation complete after 0s [id=coder-miclab-qin-engrd13-usr]
10:23:36.894 docker_volume.opt_volume: Creation complete after 0s [id=coder-miclab-qin-engrd13-opt]
10:23:36.901 docker_volume.etc_volume: Creation complete after 0s [id=coder-miclab-qin-engrd13-etc]
10:23:36.905 coder_agent.main: Creation complete after 0s [id=e6523616-3fce-4d0b-8499-da0e3c708cce]
10:23:36.911 module_jetbrains_gateway.coder_app.gateway: Creating...
10:23:36.912 coder_app.code-server: Creating...
10:23:36.915 coder_app.code-server: Creation complete after 0s [id=6418fc2d-4070-464b-93af-ac4912b9d220]
10:23:36.917 module_jetbrains_gateway.coder_app.gateway: Creation complete after 0s [id=48f3f08f-152c-4bd4-b38d-a64676d63d06]
10:23:36.952 docker_image.deeplearning: Creation complete after 0s [id=sha256:d47f3811f1937d2235725e93420111ea689ed1bdc4508063df45ccd7b0c1d08dmatifali/
10:23:36.967 coder_metadata.workspace_info[0]: Creating...
10:23:36.972 coder_metadata.workspace_info[0]: Creation complete after 0s [id=e61d1a55-5312-470f-88de-9c21afaa7c89]
10:23:36.993 docker_container.workspace[0]: Creating...
10:23:46.994 docker_container.workspace[0]: Still creating... [10s elapsed]
```

3. Start Workspace:

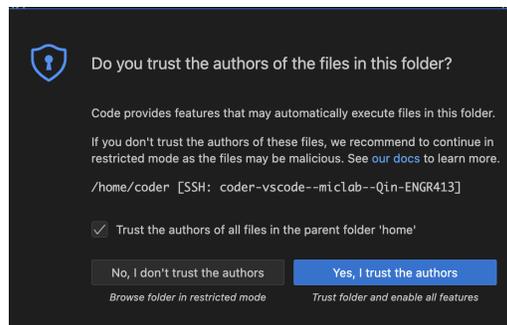
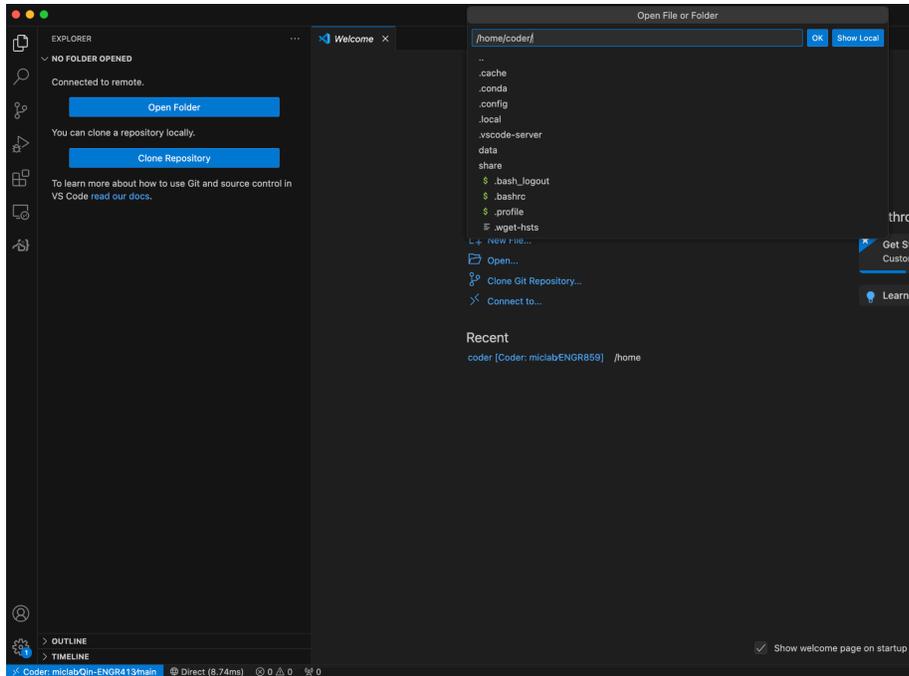
- a. After creating the Workspace, you can start using it by clicking on VS Code Desktop (**recommended if you have it installed on your laptop**) or VS Code Server.



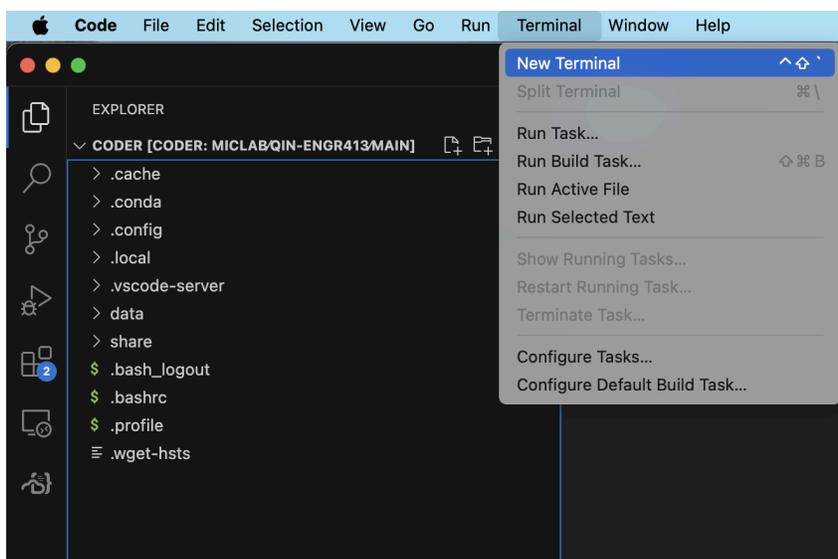
b. Click Open

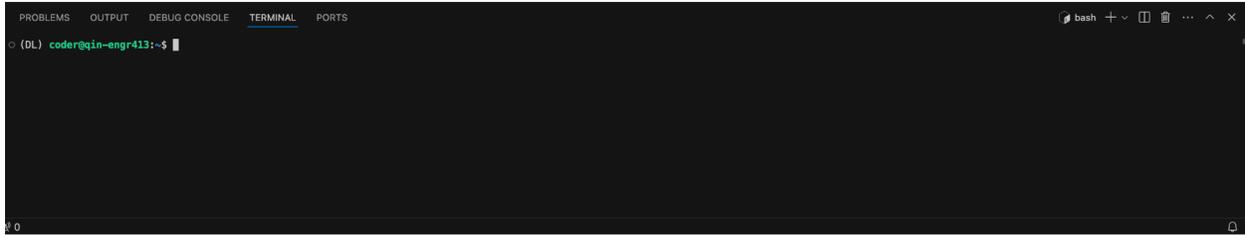


c. Click Open Folder -> OK.

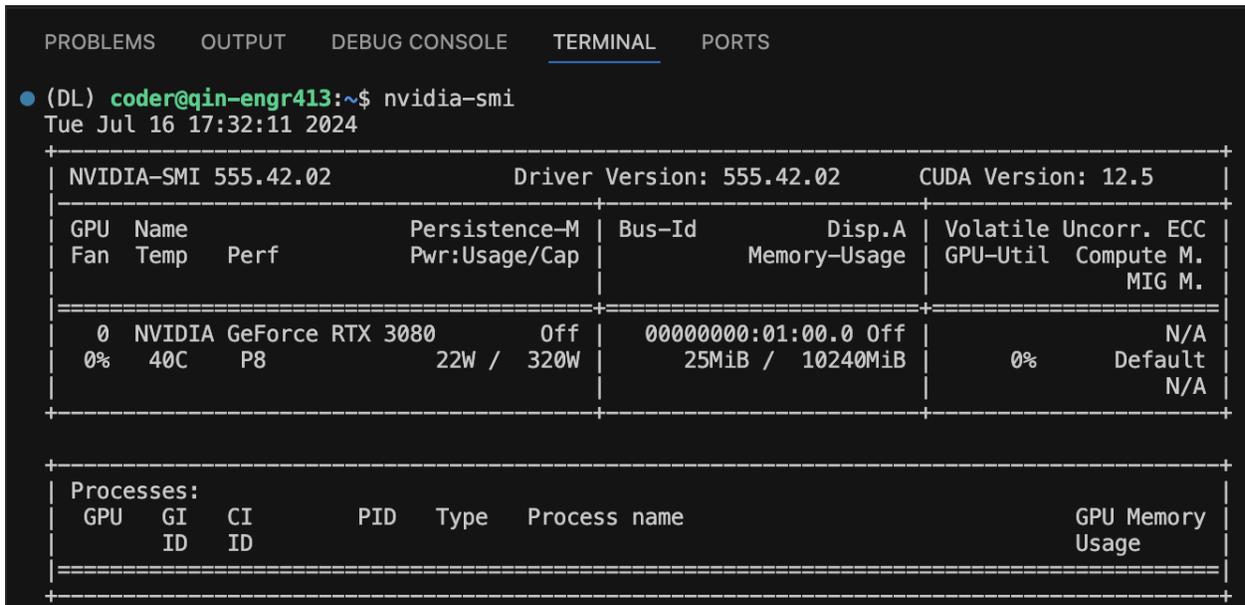


d. Create a New Terminal:





e. Check the GPU status:



f. Stop after using it or Restart the server.

