

Topics

Intro
HPC

Pytorch

<https://pytorch.org/docs/stable/index.html>

Environment Setup: OnDemand

Use this link to register and use
ODU HPC services

[ODU HPC](#)

Log in to On Demand

[ODU On Demand HPC](#)

ODU HPC Documentation

[Docs](#)

HPC: home/user

ODU RCC OnDemand Files Jobs Clusters Interactive Apps My Interactive Sessions Help Logged in as ahoop004 Log Out

Home Directory / home / ahoop004 / Change directory Copy path

Show Owner/Mode Show Dotfiles Filter: Showing 29 of 67 rows - 0 rows selected

Type	Name	Size	Modified at
Folder	attack_fed	-	8/18/2025 4:14:02 PM
Folder	Citraining	-	7/30/2024 10:15:40 AM
Folder	com_proj	-	4/22/2025 5:28:31 PM
Folder	competition-backdoorlm	-	10/10/2025 9:13:18 AM
Folder	cyber_cap	-	5/7/2025 4:07:57 PM
Folder	Desktop	-	7/30/2024 10:04:22 AM
Folder	digi_com	-	11/29/2025 9:33:26 AM
Folder	Digi_image	-	11/23/2025 12:55:58 PM
Folder	Downloads	-	4/1/2025 2:26:25 PM
Folder	ece_783-883	-	8/26/2025 3:09:08 PM
Folder	envs	-	10/16/2025 12:46:54 PM
Folder	F110_MARL	-	12/17/2025 8:37:06 PM
Folder	Federated	-	7/1/2025 8:05:21 PM
Folder	gan	-	2/27/2025 5:32:18 PM
Folder	generate	-	7/1/2025 8:34:11 PM

Open in Terminal Refresh New File New Directory Upload Download Copy/Move Delete

HPC: git clone

```
Host: 172.25.0.14    Initial directory: /home/ahoop004  
(ahoop004@172.25.0.14) Password:  
[ahoop004@wahab-01 ~]$ git clone https://github.com/ahoop004/T3-Ciders-FL.git
```

HPC: home/user

<input type="checkbox"/>		RL_Prz		-	4/21/2025 3:27:14 PM
<input type="checkbox"/>		sumo		-	8/15/2024 11:14:30 AM
<input type="checkbox"/>		T3-Ciders-FL		-	11/6/2025 11:36:55 AM

HPC: home/user

ODU RCC OnDemand Files ▾ Jobs ▾ Clusters ▾ Interactive Apps **My Interactive Sessions** Help ▾ Logged in as ahoop004 Log Out

Open in Terminal Refresh + New File New Directory Upload Download Copy/Move Delete

Home Directory / home / ahoop004 /

Show Owner/Mode Show Dotfiles Filter:

Showing 13 of 43 rows - 0 rows selected

Type	Name	Size	Modified at
<input type="checkbox"/>	Cltraining	-	7/30/2024 10:15:40 AM
<input type="checkbox"/>	com_proj	-	3/18/2025 12:49:56 PM
<input type="checkbox"/>	Desktop	-	7/30/2024 10:04:22 AM
<input type="checkbox"/>	envs	-	2/13/2025 12:32:33 PM
<input type="checkbox"/>	Federated	-	3/7/2025 3:40:01 PM
<input type="checkbox"/>	gan	-	2/27/2025 5:32:18 PM
<input type="checkbox"/>	Lab4_DDoS_attack_Detection	-	2/13/2025 12:40:30 PM
<input type="checkbox"/>	ondemand	-	7/26/2024 12:02:17 PM
<input type="checkbox"/>	sumo	-	8/15/2024 11:14:30 AM

HPC: Jupyter

ODU RCC OnDemand [Files](#) [Jobs](#) [Clusters](#) [Interactive Apps](#) [My Interactive Sessions](#) [Help](#) [Logged in as ahoop004](#) [Log Out](#)

Home / My Interactive Sessions

You have no active sessions.

Interactive Apps

Desktops
Desktop
Servers
Jupyter
Matlab
RStudio Server
Tensorboard
VS Code

HPC: Launch

Interactive Apps

- Desktops
- Desktop
- Servers
- Jupyter
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- VS Code

Jupyter

This app will launch a Jupyter server using Python on the wahab cluster.

Python Version

Python 3.10

Python Suite

pytorch 2.5.1

Pick a Python suite to start Jupyter. Read more in [HPC Wiki](#).

If you cannot find the module you need, try switch **Python Version** and **Partition**

Additional Module Directory

none

Picks up additional modules from a user-environment directory within [~/envs/](#).

Number of Cores

4

Number of cores on node type (about 8 GB per core unless requesting whole node).

Number of GPU

1

Partition

gpu

GPU device is always highly demanded, therefore you might experience long wait time if use gpu or high-gpu-mem partition.

Authorized user only partitions are not public resource, they are reserved for their device owner, submit to it will result an error.

Number of Hours

8

Launch

* The Jupyter session data for this session can be accessed under the data root

HPC: Navigate to folder

