

Ahmet A.

Team 8 | CS 410 | UMass Boston

Key points on my long project work

- Built `tutor.sh`, a shell wrapper that guides students through CS server tasks step by step
- Validates each step automatically and saves progress to a JSON file
- Pushed my work to the team GitHub repo
- Helped plan sprints and divide tasks with the team

Links

GitHub: github.com/B8ExploreM/Explore-Minnie

Artifact (server): </courses/cs410/s26/hdeblois/GR0UP8/longproj02/t8/>

Course dir: </home/ahmet00/cs410/tutor/tutor.sh>

Deployed site: *coming soon (team migrating from Render to CS server)*

tutor.sh — live

```
=====
Welcome to CS410 Tutor!
=====

Step 1: Create a directory
> Run: mkdir cs410

tutor> mkdir cs410
tutor> check
✓ Correct! Directory created.
```

T-Shaped Skills

How my skills have evolved

HTML • Java • Finance • Marketing • Linux/SSH

BREADTH

DEPTH

Python & Bash scripting

How they evolved

- Started with broad knowledge across business and tech (Finance, Marketing, HTML, Java)
- Through CS 410, gained depth in Python and bash scripting by writing tutor.sh
- Picked up real Linux server skills: SSH, nano, file permissions, scp, Git push/pull

Initial comments:

```
/home/ahmet00/cs410/4100.txt
```

```
"4100 AhmetA Python, java, HTML — Program tester"
```

What's Next

Additional comments & plans

Plans through last class and beyond

- Finish polishing tutor.sh — fix remaining bugs and add more guided steps
- Test the shell wrapper with a real student walkthrough
- Help the team migrate the project from Render to the CS server
- Coordinate acceptance testing with the client alongside the team
- Connect tutor.sh to the team Django backend on Minnie

Research paper:

`/home/ahmet00/cs410/rpaper.pdf`

"How does running a backend on a centralized server improve performance and stability compared to running it locally?"