Fall 2023 | COM 110 | Quiz 4 | Derin Gezgin

Attend either the upcoming github pizza (Wednesday) or CS alumni talk (Friday) or both and write 3-5 sentences (one paragraph) about the experience:

GitHub Pizza Event (November 8th, 2023)

(1) explain something you learned (from the event)

   Throughout the event, I learned that Git and GitHub are very crucial platforms in the CS world. I'll have to use GitHub to contribute to large-scale projects in future jobs and internships. I learned that GitHub has many features like pull, fetch, push, and clone, which all help the development process of a project. I was able to create a Git repository and add a file to it using my terminal. Sadly, because of time constraints, we could only complete the first tutorial, but even with the first one, I could see how powerful and handy GitHub is.

(2) explain something you are interested in learning more about (from the event)

   From my first impressions, Git and GitHub are complex structures with many useful features. I'm interested in learning about and mastering their features other than creating a repository. As stated in the previous question, proficient usage of Git and GitHub is essential in any CS job. That's why I'd like to learn more about Git and GitHub and become proficient in using them in any of my projects to be a strong candidate for CS opportunities.

Finance and the Cloud (November 10th, 2023)

(1) explain something you learned (from the event)

In the Finance and the Cloud event, I learned that cloud solutions for hosting websites and services are game-changing compared to physical servers. In cloud computing, the management of the whole service is the responsibility of the host company, for example, Microsoft Azure, Google, AWS, etc. This is why the user who hosts its website in the cloud servers doesn't have to worry about whether the server will go down, if their program can reach everywhere in the world, or if it's secure. Also, managing cloud hosting services for large-scale projects has very little room for error, 99.999% run-time, and only 0.001% downtime. I also learned that cloud services are more affordable than traditional servers because companies pay as much as they use rather than paying for idle times.

(2) explain something you are interested in learning more about (from the event)

After the event, I decided to learn more about cloud solutions for hosting websites. In the presentation, Amit Kinha mentioned a coding language called "Terraform," which is used to determine the specifications for cloud hosting. I'd like to learn more about this language and cloud hosting in general. I'd like to create a website and try to host it using a cloud service such as AWS. Moreover, I'd like to try to make my website more efficient by using fewer resources to make the website less costly to maintain in a cloud hosting service.