

CS120 Computer Network: Project Report

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Abstract

This report is going to summary my work in CS120 projects.And also have some discussions.

1. Project 0

Project 0 is about to start up.I first learned about ASIO and refer to JASIOHost mentioned in the document.Actually i downloaded a app that already have the function of play and record audio.I realized the mistake until project 1.I did the task 1 and task 2 using my headphones and the mic on it.And the environment settings are based on internet helps.

2. Project 1

Project 1 is about to transfer information using voice signal.I use the example code in JASIOHost to implement task 1. For task 2, i similarliy use the code from the course github of 'play a sine wave ' and modified the f(x) parts. For task 3,i chose Frequency Shift Keying to modulate, and demodulate with FFT,i implement the transition method with reference on the internet.But at last failed to complete the task 3.

3. Project 2

Task 1 is to transfer project 1 into cable,i did the connection but failed because proj1 failed.

4. Project 3

failed because proj1 failed.

5. Project 4

failed because proj1 failed.

6. Discussions

Though i failed to finish the whole project, i'm not doing nothing.I still learned a lot from the course.I think the most difficult part comes from the project 1 because it is a completely new field two me and i have now idea to start at first.I think more specific instructions are needed, such as the function from.The other part of the class except the project i think is perfect.