

New Student Challenge

Introduction

Welcome! This assignment is not research in itself but is here to help me understand whether you are currently a good match.

Please do this assignment at your own pace and then set up a time to come to my office to share it. To start in a given semester, you must complete and discuss the challenge before the 1st week of class (e.g., you could do the challenge in the semester prior to when you're planning to start research).

Steps

1. Read [this](#) research paper and write a short scholarly reflection (aim for 500-700 words) and email it to me at least a few hours before coming into office hours.
2. Bring a printed unofficial transcript with you to the meeting.
3. After the meeting, if we agree to go on to the next step, you must also complete ONE of the following challenges:
 - A. There are already many apps available for accessibility (or that may be applied to accessibility). Carry out a systematic review (i.e., structured enough to allow somebody else to replicate it) of the apps available on your mobile ecosystem (e.g., App Store). Based on the implications described in the research paper and your systematic review, create a short presentation describing which accessibility challenges are well-addressed and which areas present a good opportunity for designing new apps and services.
 - B. Many people talk about accessibility on public platforms (e.g., YouTube). Pick a public sharing platform and write a script (in your platform/language/approach of choice) that will search for accessibility-related posts and save information about these posts (e.g., title, description, author, number of views) to a .csv file. For example, you may create a Python script that uses the YouTube API to search for "Web Accessibility" and "iPhone Accessibility" videos. I will ask to see 100 results (or an explanation of why 100 results are impossible) and will ask you questions about your code and its output.

In deciding which challenge to take on, consider the kind of work that you would most want to do during your time with me. For example, if you're interested in contributing to empirical investigations and design, choose option A; if you want to solve technical challenges and code, choose option B.