

CSC420 – Progress Report¹

Make a copy of this progress report, then complete it. Submission instructions and a grading rubric are included below.

Your name: <Sabira>

Date: <02/23/23>

Progress Report

- **Accomplishments:** What did you accomplish since the last class meeting, the last progress report, or since you started the project? If you didn't complete anything since the last report, enter **N/A**.

Since the progress 1 report, I wasn't able to accomplish anything new because I had to study for the exam on Thursday.

- **Future Goal:** What do you plan to accomplish before our report? These plans should be related to roadblocks or discussion points. If you plan to change direction, explain why.

My Step 3 in my initial report was to create a highly accurate neural network for my machine, so it can classify buildings into damaged and non-damaged. So, my next future goal is to make sure my neural network is working the way it is supposed to – so it has high accuracy for identifying if the building in the image is damaged or not. I need to be able to create a good internal structure for my neural network, trying to figure out how many layers to use, how many epochs to pass and many other parameters.

- **Challenges:** What are your current roadblocks?

My current roadblocks is to clean my dataset, because I found a whole chunk of images not related anyhow to the context of buildings. I think it is going to take me some time to do it. I found an online parser that would do it for me, so hopefully it works out.

- **Desired Discussion Points:** Do you have any desired discussion points that are not related to roadblocks?

I would like to talk about the limitations of my project, such as that my dataset is based on the images from random buildings in Nepal (not just schools and hospitals as if I was planning) and if it is going to be useful for other types of buildings at all.

Submission to your Project github repository

1. Download the completed report as a PDF
2. Give your PDF a unique name, for example: **2023-02-21-progress-report.pdf**, obviously change the date as appropriate.
3. Add the PDF to your Project github repository, add it, commit it, and then push it by the due date listed in Moodle.

¹ This progress report is based on a Weekly Progress Report created by Dr. Nakazawa for CSC493

Rubric:

The following rubric will be used, but they might change as needed.

Accomplishments (3 points)

1 point for a general description of progress, 2 points for specifics on progress, 3 points for specifics AND referring to previous targets and explaining how currently accomplishments build on previous ones.

Challenges (3 points)

1 point for mentioning there are roadblocks, 2 points for specifics, 3 points for specifics AND what was done already to try to overcome them.

Desired discussion points (2 points)

1 point for at least one relevant discussion point as a general question, 2 points for relevant discussion points with specifics

Future Goals (2 points)

1 point for concrete future targets (i.e. "working more on the project" is a zero, but "working on getting component X to interface with component Y" suffices), 2 points for tying in the targets with what was hopefully discussed in the meeting.