



# CS 300 Module Eight Journal Guidelines

## Overview

In this journal, you will make a submission to your portfolio. Remember that you will submit portfolio artifacts in different courses throughout the Computer Science program. This portfolio is an opportunity for you to catalog your learning and showcase your best work to future employers. You will also reflect on the work that you have done in these projects. Reflecting will help add context to refresh your memory when you review your portfolio in the future.

## Directions

For this course, you will be submitting one portion of each project into the GitHub repository for your portfolio. From Project One, **submit your analysis of the run-time and memory for the data structures**. From Project Two, **submit the working code that will sort and print out a list of the courses in the Computer Science program in alphanumeric order**. Together, these documents showcase your work in data structures and algorithms.

You will also reflect on the work that you have done in these projects. Reflecting is a valuable skill to cement your learning. It will also help add context to refresh your memory when you use your portfolio in the future. **Update the README file** in your repository and include your answers to each of the questions below. You could include the questions and write a few sentences in response to each one, or you could write a paragraph or two weaving together all of your answers.

- What was the problem you were solving in the projects for this course?
- How did you approach the problem? Consider why data structures are important to understand.
- How did you overcome any roadblocks you encountered while going through the activities or project?
- How has your work on this project expanded your approach to designing software and developing programs?
- How has your work on this project evolved the way you write programs that are maintainable, readable, and adaptable?

## What to Submit

For your submission, **include a link to your repository** for your instructor in a text submission. Make sure your repository includes the **README file** with your written response. Use the [CS Program GitHub Portfolio Tutorial](#) to help you with this submission. This journal will be graded pass/fail based on completion.

Note: In the previous module, you should have added your instructor as a collaborator, and they should have accepted your request. Please email your instructor if you have trouble adding them as a collaborator.