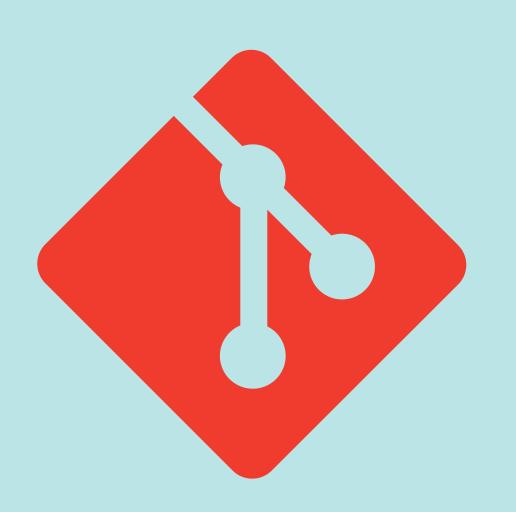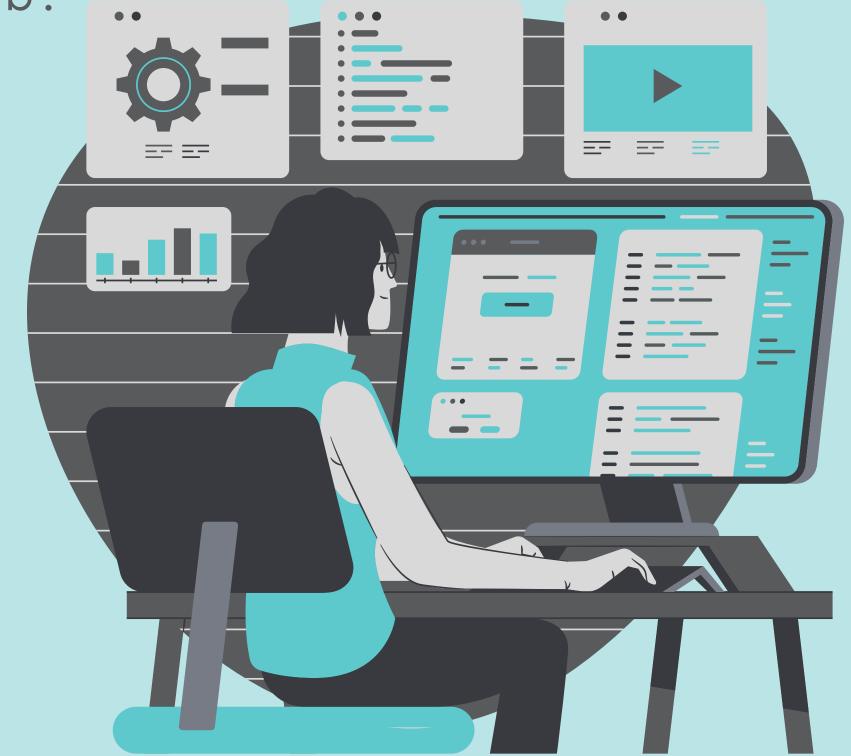# INTRODUCTION TO GIT AND GITHUB

A beginner workshop to learn the basic theory and skills needed to use Git and GitHub. Attendees will learn how to use Git to manage local projects and how to collaborate through GitHub.

DATE:
JUNE 22 1PM TO 5PM EST
LIMITED SPACES

FOR MORE INFO, VISIT
HTTPS://WWW.MCGILL.CA/MICM/

WORKSHOP OUTLINE

I. Intro to Git and Version Control Systems
   a. What is a VCS?
   b. What is Git?
   c. Git vs. GitHub
   d. Git Pipeline

II. Basic Git Features
   a. Creating a New Project
   b. Modifying Files
   c. Commits and Good Practices
   d. Reverting Changes

III. Advanced Git features
   a. Branching
   b. Merging
   c. Rebasing and Conflicts

IV. Working with GitHub
   a. Collaboration and Open Science
   b. Pushing commits to GitHub
   c. Pulling commits from GitHub
   d. Cloning and Forking Repositories
   e. Pull Requests