

# GitHub for Mathematicians

JMM 2024 Professional Enhancement Program

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## JMM 2024 Professional Enhancement Program

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**Website:** [jmm2024.clontz.org](http://jmm2024.clontz.org)

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# Abstract

Increasingly, the cyberinfrastructure of mathematics and mathematics education is built using GitHub to organize projects, courses, and their communities. In this PEP, participants will learn the basic features of GitHub available using only a web browser, and how to use these features to participate in GitHub-hosted mathematical projects with colleagues and/or students.

# Workshop Details

This workshop will take place on Wednesday January 3, 2024, 1:00 p.m.-3:00 p.m, and Thursday January 4, 2024, 1:00 p.m.-3:00 p.m.

We will be located at Foothill E, Marriott Marquis San Francisco.

More information about JMM 2024 in San Francisco can be found at [Joint-MathematicsMeetings.org](https://www.jointmathematicsm Meetings.org)<sup>2</sup>.

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<sup>2</sup>[www.jointmathematicsm Meetings.org/meetings/national/jmm2024/2300\\_program.html](https://www.jointmathematicsm Meetings.org/meetings/national/jmm2024/2300_program.html)

# Chapter 1

## Git vs. GitHub

Hello

### 1.1 What Is Git?

Hello

## Chapter 2

# Your First Repository

Hello



## Chapter 3

# Websites with GitHub Pages

Hello

## Chapter 4

# Writing and Running Code

Hello

## Chapter 5

# Open Educational Resources

Hello

## Chapter 6

# Collaborating with Students and Colleagues

Hello

## Colophon

This book was authored in PreTeXt.