

# Git & GitHub Essentials Workshop



*Hosted by:*



*Speakers:*

**Destiny Lowe** (*President*)  
**ReAnn Hollins** (*VP*)  
**Sterling Abrams** (*Secretary*)  
**Jadon Richardson** (*Treasurer*)  
**Katy Ho** (*General Officer*)

# Intended Audience

- Consists of individuals who are completely new to both Git and GitHub.



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- Won't download or require any prior knowledge of IDEs.
  - Will need to download Git and create a GitHub account.



- A distributed version control system used for:
    - Tracking changes in source code during software development.
    - Enabling Collaboration.
    - Managing codebase versions locally.
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- A command-line interface program for Windows, providing a Unix-like shell environment.
  - Allows Windows users to interact with Git and run Unix commands for managing repositories and executing Git Commands efficiently.
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- A web-based platform used for:
    - Hosting Git repositories.
    - Facilitating Collaboration.
    - Code Reviews.
    - Issue Tracking.
    - Project management for software development projects.
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## Step One:



## Step Two:

Create a GitHub account.

<https://github.com>

Go to workshop repository.

[https://github.com/rhollins8199/  
TAPS\\_GitHub\\_Workshop](https://github.com/rhollins8199/TAPS_GitHub_Workshop)

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# Knowledge Gained

1. Understand version control basics and its importance in collaborative coding projects.
2. Learn how to install Git and set up a GitHub account.
3. Grasp essential Git concepts (e.g., repositories, commits).
4. Learn key Git commands (e.g., add, commit, push).
5. Practice collaborative workflows (e.g., cloning, pushing changes).
6. Explore GitHub features (e.g., pull requests, repo settings).
7. Gain confidence in Git and GitHub usage.



# Free Resources

1. Git & GitHub Tutorial for Beginners: [Link](#)
2. How to Use Git to Collaborate with Others: [Link](#)
3. Using Git within IntelliJ: [Link](#)
4. Using Git within VS Code: [Link](#)
5. GitHub Profile Readme: [Link](#)
6. Create Resume Website with VS Code and GitHub Pages: [Link](#)

