



# Introduction to GitHub

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# What is GitHub?

“GitHub is a web-based hosting service for software development projects that use the Git revision control system.”

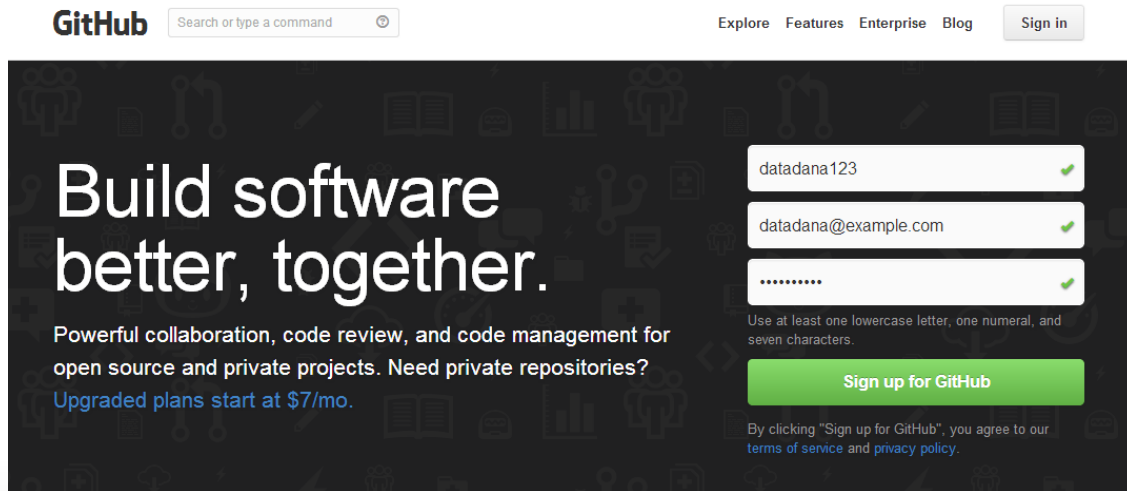
<http://en.wikipedia.org/wiki/GitHub>

# What is GitHub?

- Allows users to "push" and "pull" their local repositories to and from remote repositories on the web
- Provides users with a homepage that displays their public repositories
- Users' repositories are backed up on the GitHub server in case something happens to the local copies
- Social aspect allows users to follow one another and share projects

# Set Up a GitHub Account

- Go to the GitHub homepage at <https://github.com/>
- Enter a username, email, and password and click "Sign up for GitHub"
- **NOTE:** You should use the same email address that you used when setting up Git in the previous lecture

A screenshot of the GitHub homepage with the sign-up form filled out. The header includes the GitHub logo, a search bar, and navigation links for Explore, Features, Enterprise, Blog, and a Sign in button. The main content area has a dark background with the text "Build software better, together." and a description of GitHub's features. The sign-up form on the right has three input fields: a username "datadana123", an email "datadana@example.com", and a password ".....", each with a green checkmark indicating it is valid. Below the password field is a note about password requirements and a green "Sign up for GitHub" button. At the bottom, there is a link to the terms of service and privacy policy.

GitHub Search or type a command

Explore Features Enterprise Blog Sign in

## Build software better, together.

Powerful collaboration, code review, and code management for open source and private projects. Need private repositories? Upgraded plans start at \$7/mo.

datadana123 ✓

datadana@example.com ✓

..... ✓

Use at least one lowercase letter, one numeral, and seven characters.

[Sign up for GitHub](#)


By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#).


# Set Up a GitHub Account


- On the next screen, select the free plan and click "Finish sign up"

## Welcome to GitHub

You've taken your first step into a larger world, @datadana123.

 **Completed**  
Set up a personal account

 **Step 2:**  
Choose your plan

 **Step 3:**  
Go to your dashboard

### Choose your personal plan


| Plan   | Cost       | Private repos |                         |
|--------|------------|---------------|-------------------------|
| Large  | \$50/month | 50            | <button>Choose</button> |
| Medium | \$22/month | 20            | <button>Choose</button> |
| Small  | \$12/month | 10            | <button>Choose</button> |
| Micro  | \$7/month  | 5             | <button>Choose</button> |
| Free   | \$0/month  | 0             | <button>Choose</button> |

### Each plan includes:

**Unlimited** collaborators  
**Unlimited** public repositories

- ✓ Free setup
- ✓ SSL Protection
- ✓ Email support
- ✓ Wikis, Issues, Pages, & more

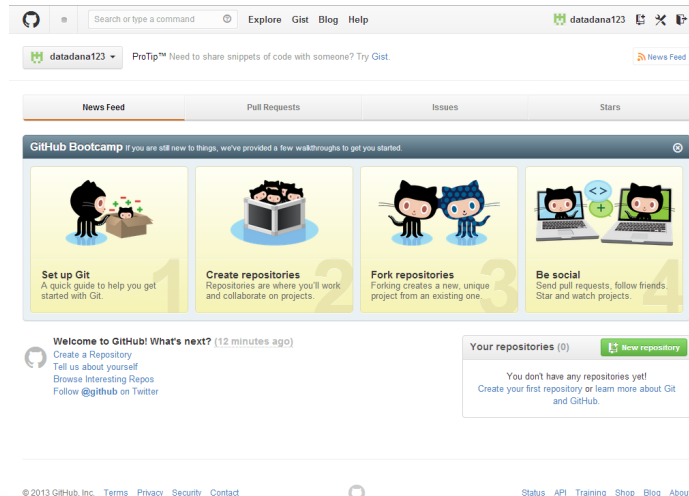
Don't worry, you can cancel or upgrade at any time.

 **Help me set up an organization next**  
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.  
[Learn more about organizations.](#)

**Finish sign up**

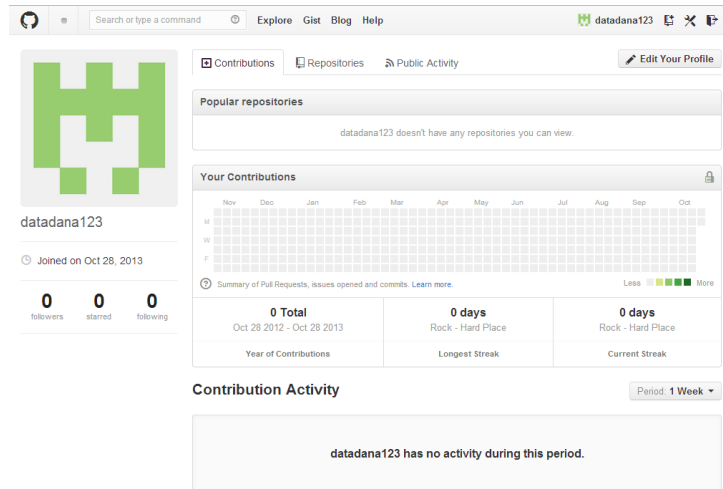
# Navigating GitHub

- After signing up, you will find yourself on this page, which has several helpful resources for learning more about Git and GitHub
- Try clicking on your username in the upper righthand corner of the screen to view your GitHub profile



# Your GitHub Profile

- Your profile is where all of your activity on GitHub is displayed
- Allows you to show other people who you are and what you are working on
- As you work on more and more projects, your profile becomes a portfolio of your work



# Your GitHub Profile

- Finally, if you click on "Edit Your Profile" in the top righthand portion of the screen you can add some basic information about yourself to your profile
- This is totally optional, but if you do good work, you ought to take some credit for it!
- In the next lecture, we'll get you started by walking you through two ways of creating a repository
- In the meantime, feel free to explore the GitHub site for interesting projects that others are working on