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Ginny Fahs   Follow

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GitHub Error: Authentication Failed from the Command Line

After setting up 2 Factor Authentication on GitHub, I couldn't push my remote repositories from the command line anymore.

When I tried to push a remote repo, the command line threw this error:

```
~ :> git push origin my-branch

Username for 'https://github.com': myusername

Password for 'https://myusername@github.com': mypassword

remote: Invalid username or password.

fatal: Authentication failed for 'https://github.com/my-repository'
```

The error stumped me — and made me vow that, when I did ultimately get to the bottom of it, I'd do my best to pay the knowledge forward.

How to Authenticate on GitHub with 2FA
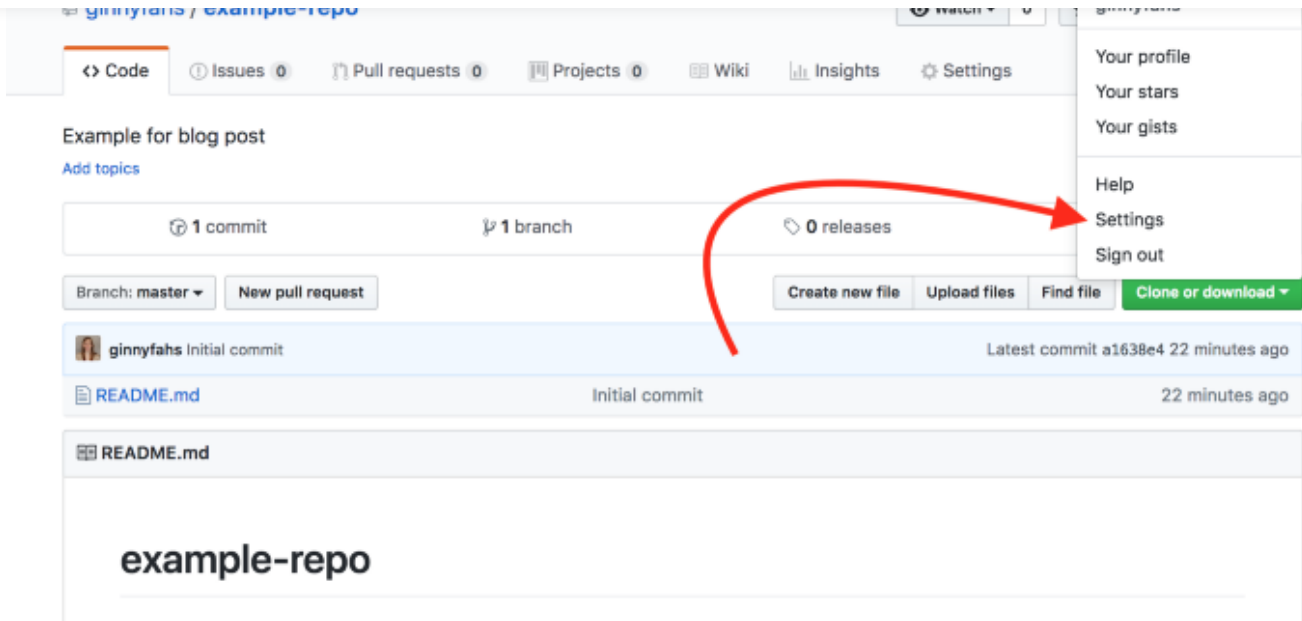Command line authentication requires a personal access token.
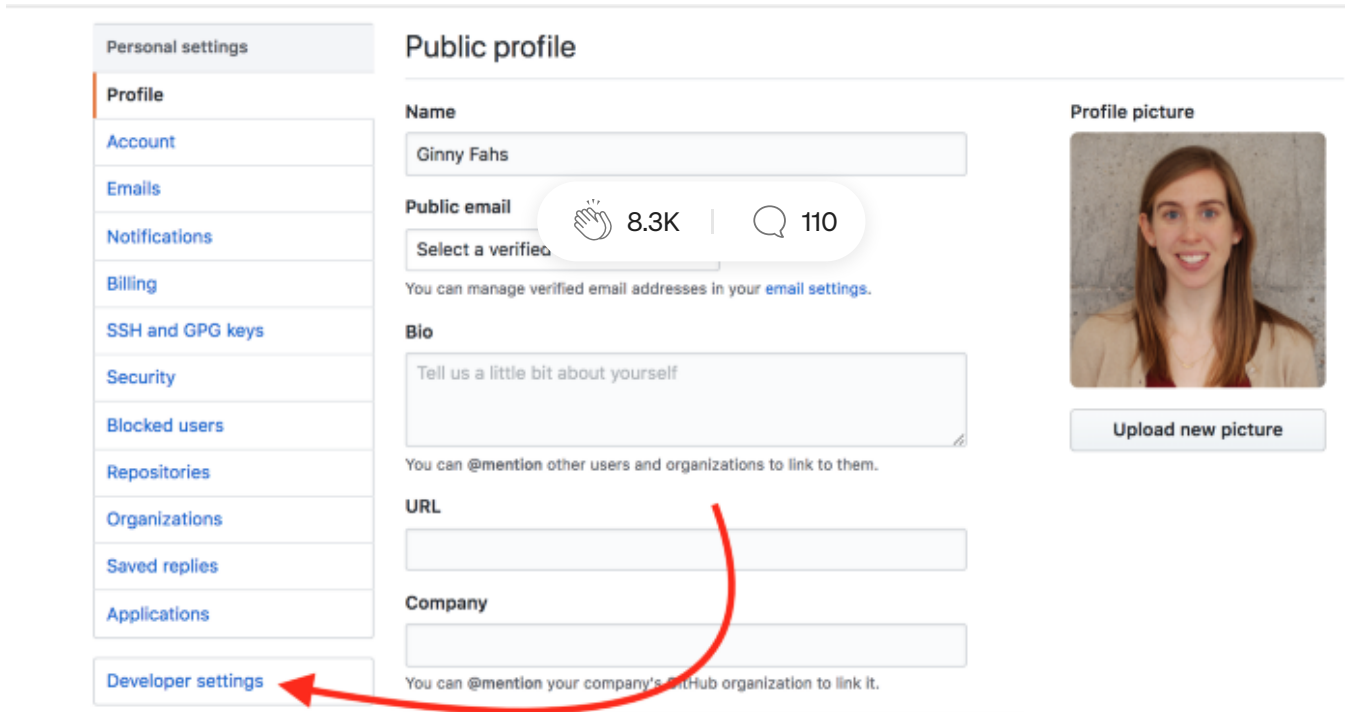
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👤 ginnyfahs Initial commit   Latest commit a1638e4 22 minutes ago

📄 README.md   Initial commit   22 minutes ago

▦ README.md

example-repo

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You can @mention your company's GitHub organization to link it.

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Then Personal access tokens:

Generate a new Personal Access Token. Make sure you copy the Personal Access Token as soon as it gets generated — you won't be able to see it again!

Paste the Personal Access Token into the "Password" field when you authenticate via the command line.

```
Username for 'https://github.com': myusername

Password for 'https://myusername@github.com': ⬅————— Here :)

remote: Invalid username or password.

fatal: Authentication failed for 'https://github.com/my-repository'
```

GitHub has published official instructions for this flow <u>here</u> (though without glam screenshots…)

Hope this helps — happy coding!

⌂   🔍   👤