Git Gud!

New and less well-known commands

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switch and restore

- New in git 2.23 (2019)
- Replace Checkout
- `git switch` to change branches
  - `git switch -c` to create a branch
- `git restore` to change file contents

stash

- `git stash` allows you to store non-committed changes

reflog

- `git reflog` stores previously checked out commits
- life-saver if you somehow lost your last branch pointer

cherry-pick

- `git cherry-pick` allows you to pick over just one commit without merging

- Use sparingly, there is no link between the commits

- Example use case: backporting fixes to maintenance branches

Closing notes

- git status on the command line

- aliases

- IDE use git under the hood

- Good commits and commit messages
  - commit -- "one and exactly one **working** change"

- Tools for resolving merge conflicts
  - Plain text
  - VS code, Jetbrains
  - Git kraken, Sublime merge