

# GITTING LIKE A PRO

Git recipes for healthier coding

Take 2

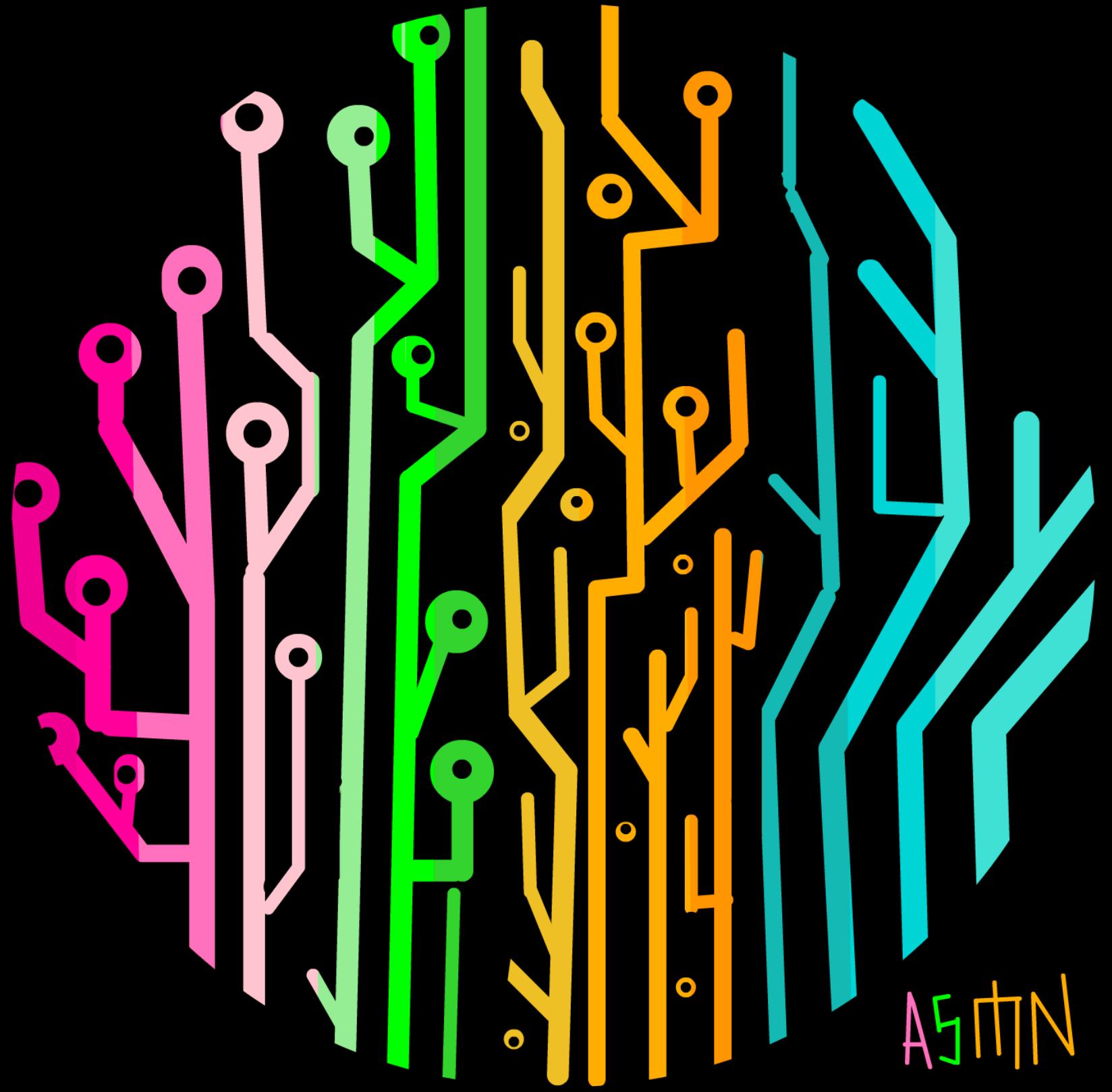
# Who is this guy?

**Stratos Pavlakis**

Head of engineering @Blueground

<https://github.com/th3hunt>

<https://twitter.com/th3hunt>



AGILE

why should I master Git?

# The basics

- Install Git
- Install Git autocomplete
- Configure username & email
- Configure editor
- Configure rerere
- Configure aliases



# The internals

- Git is an object database
- Blobs, Trees, Commits
- SHA-1
- Working directory
- Index (formerly cache)
- Configure aliases

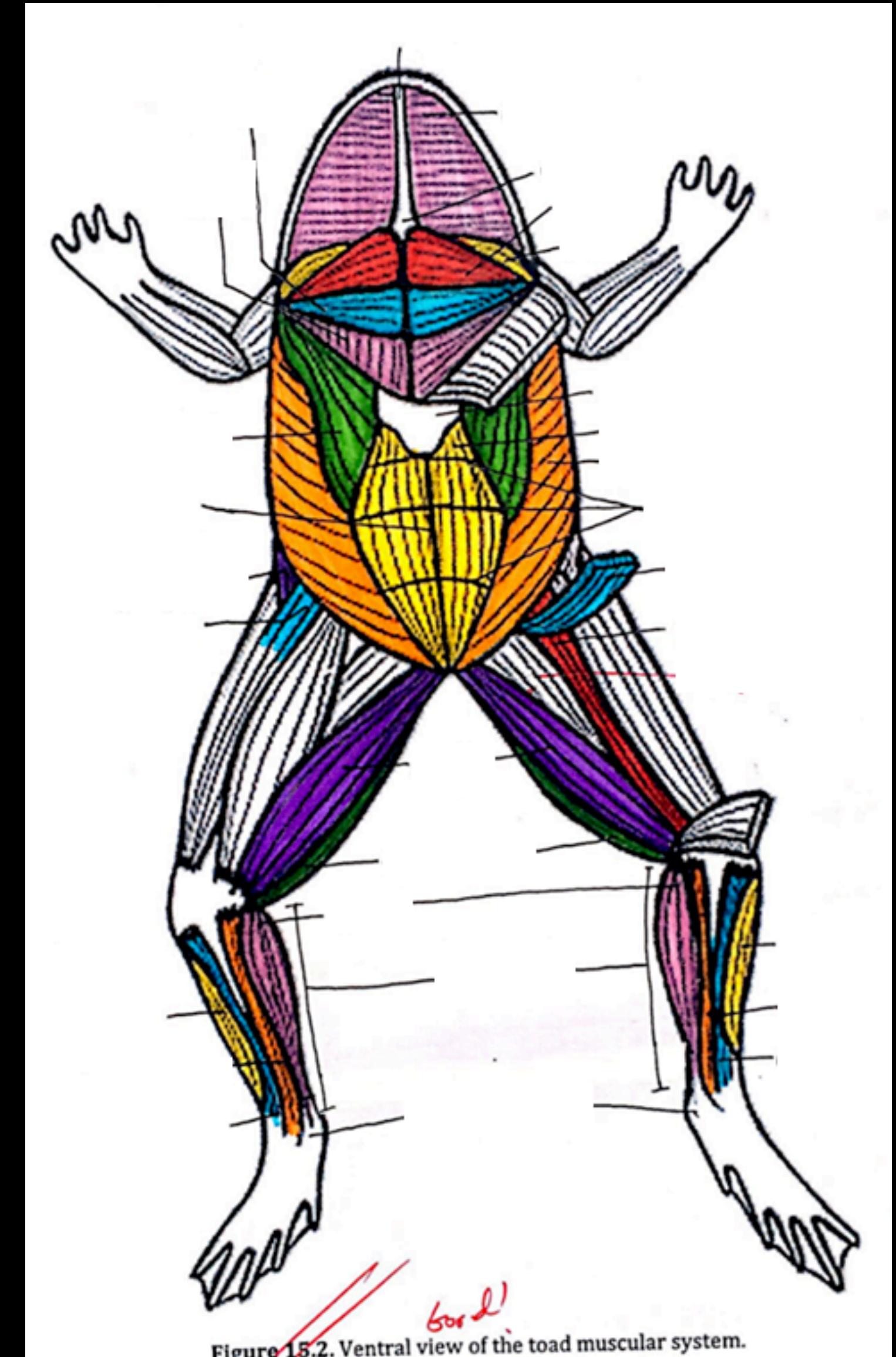


Figure 15.2. Ventral view of the toad muscular system.

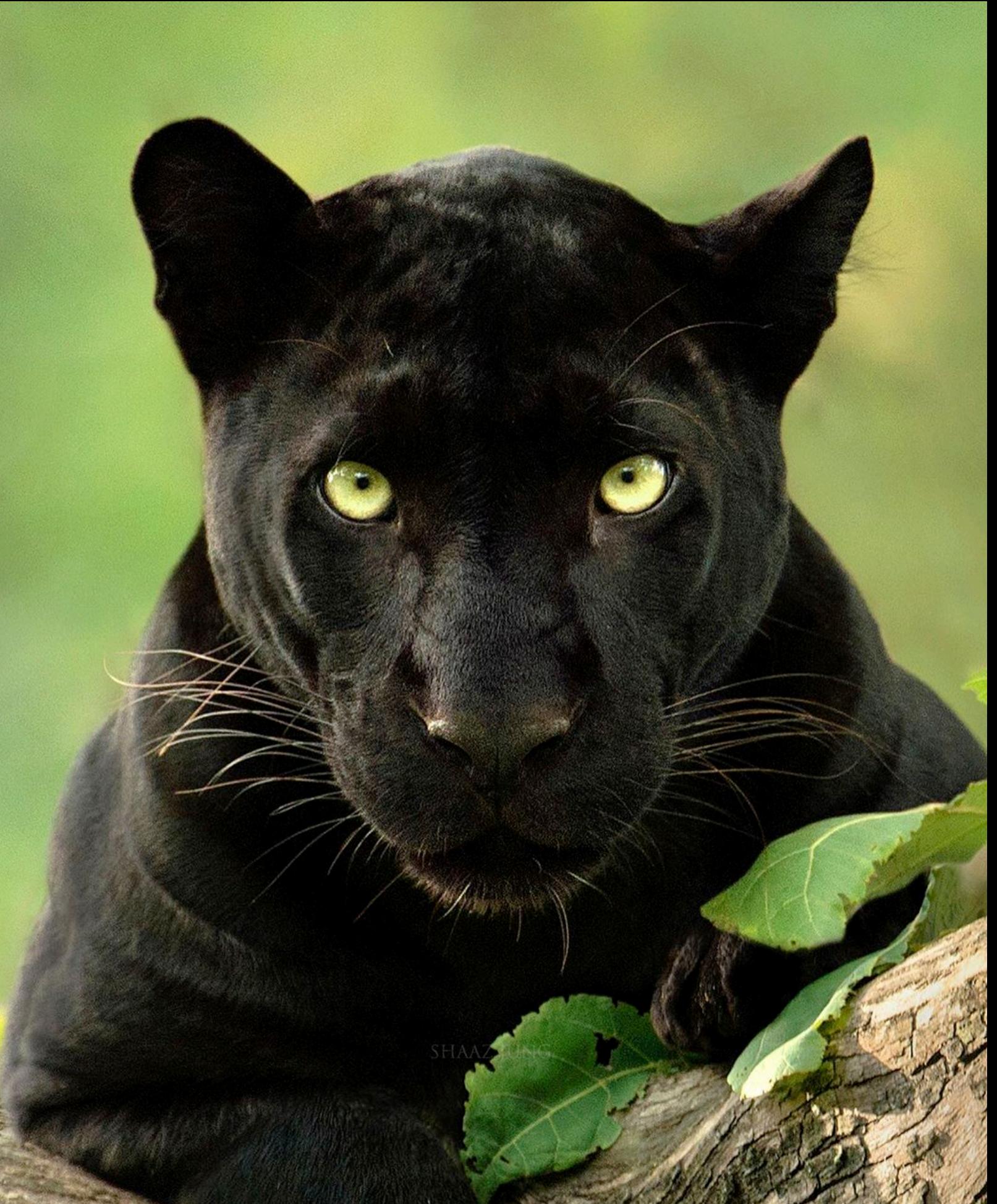
# Git like a pro

- The conventional commit
- The linear history
- Oneflow branching model



# Git like a pro

- git branch -r | -l
- git add -p
- git commit -m
- git commit —amend
- git log
- git log —stat
- git log -p
- git log —follow
- git log —graph —short
- git log foo..bar
- git reflog —relative-date
- git push
- git push —force-with-lease
- git rm —cached
- git clean
- git show
- git diff
- git diff —cached
- git diff —color-moved
- git diff and git apply
- git config --global diff.colormoved default
- git stash
- git stash —keep-index
- git fixup
- git rebase —autosquash
- git rebase —onto
- git rerere
- git revert
- git gui
- gh pr
- gh repo



# Git like a boss

- git grep # for where
- git log –source -S # for when
- git bisect # to find the culprit
- git worktree # for pomodoro haters
- git notes
- grip
- delta



# Git wicked

- git filter-repo
- git filter-branch
- git replace





Release manager merging a long lived feature branch  
Oil on canvas - 2015

# Resources

- [Git internals](#)
- [The conventional commit log](#)
- [Oneflow](#)
- [git-delta](#)
- [fixup and autosquash](#)
- [th3hunt's git aliases](#)

