

Do yourself a favor and use Git



Nami Sunami

Data Steward | TU Eindhoven
n.sunami@tue.nl

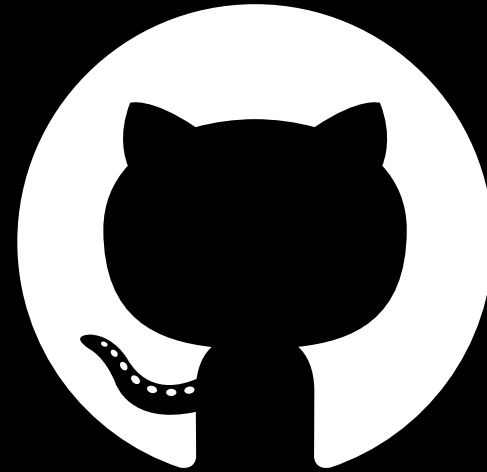


4 years ago...

**I was doing my PhD,
and I wanted to make
a reproducible paper**



**So, I started a git
and GitHub repo**



github.com/nsunami/dissertation

**In 2022, I finished
my dissertation.**

I was proud!



Years have passed...

**I tried to run my dissertation.
Did it run?**



...nope.

**So, I started fixing it.
Was it easy?**

Absolutely not!

Why?

The main issue:

I was not building a project for future users—including me in the future

Problems:

Committing with meaningless commit messages

*Nowadays, I try to follow Conventional Commits
conventionalcommits.org

-o- Commits on Jan 25, 2021

prereg



nsunami committed
on Jan 25, 2021



prereg



nsunami committed
on Jan 25, 2021



prereg



nsunami committed
on Jan 25, 2021



“

**When I wrote this
code, God and I knew
what it meant.
Now, only God knows.**



Photo by [Kevin Andre](#) on [Unsplash](#)

Bundling multiple
changes to **one**
commit

Commit **05e10c2**



nsunami committed on May 25, 2021

update to public



main

·



v1.0.0

1 parent 69a127c commit 05e10c2



1,424 files
changed

+173924 -0 lines changed

The issue was about documentation

**I wish my past self had a
documentation for me**

**Documentation that you make as
you work on the code, *on-the-fly***

Usually, we think documentation as
something written **in files**

README

**Function
Docs**

Comments

But, we also create **on-the-fly**
documentation via using **Git & GitHub***

Commit messages

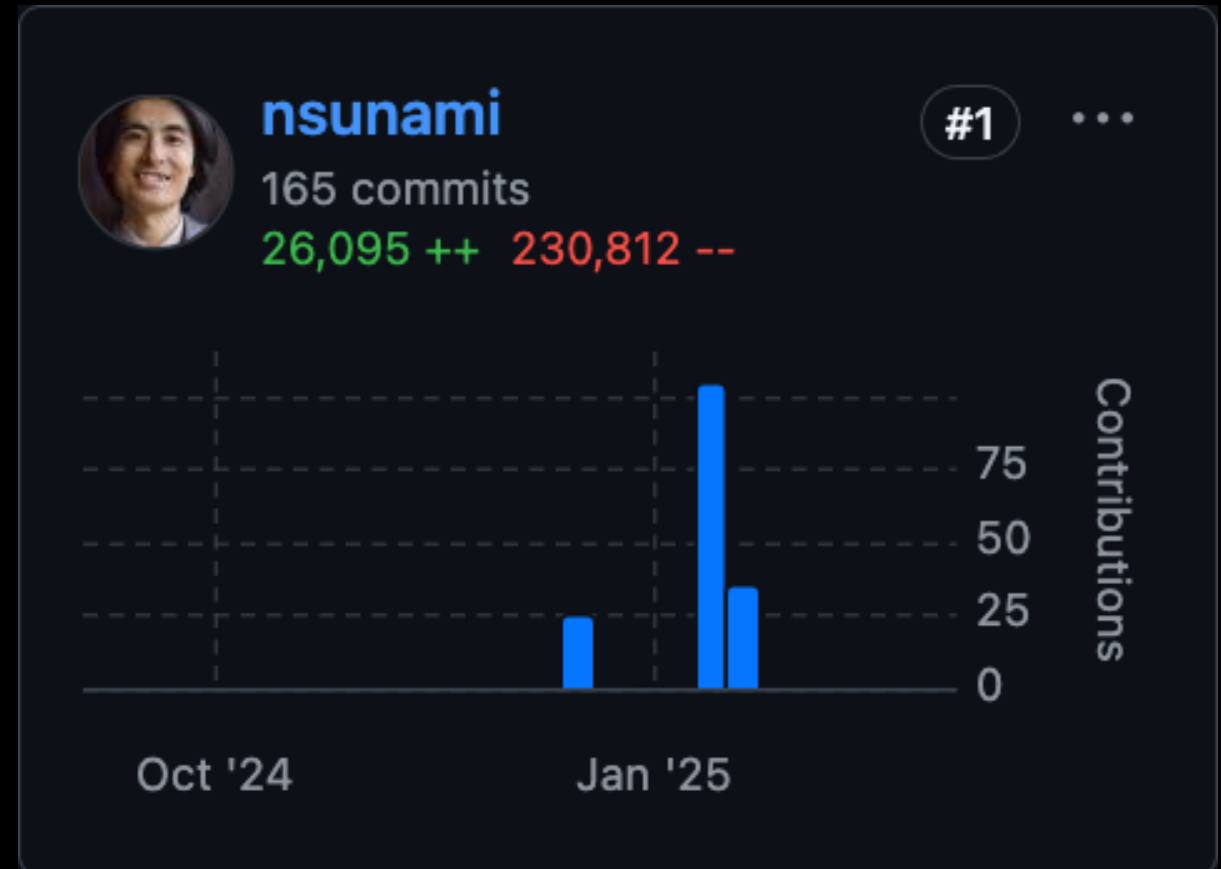
Issues

Pull requests

*Or similar services like Gitlab, Gitea, and Forjejo

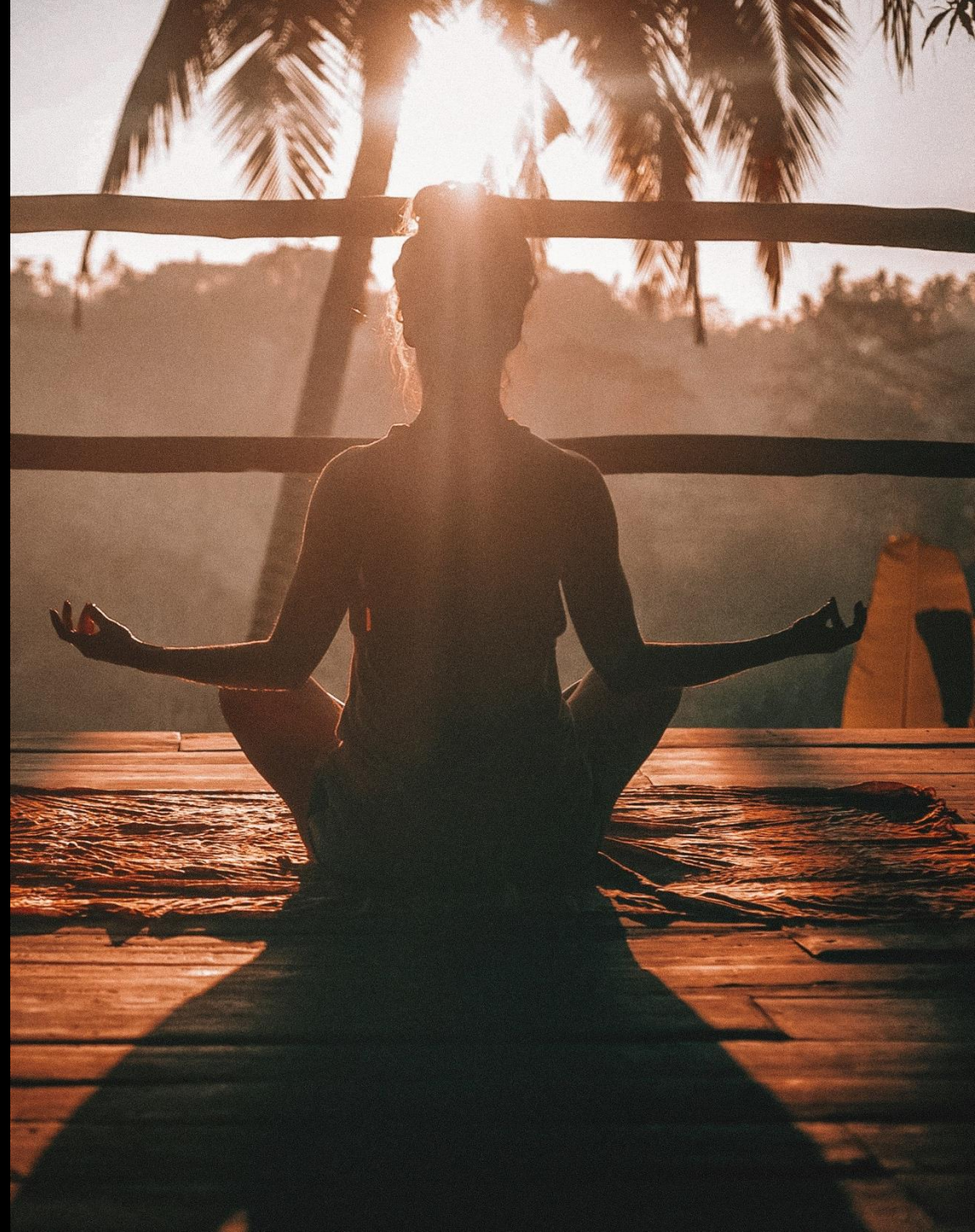
After a month of work & 250k lines of change, it works again

But it could have been easier with better documentations

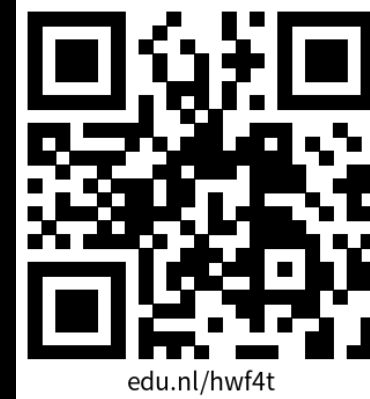


Using Git can be a
gift for yourself

Practice self-care, and
use Git effectively



My blog post for the full story of me fixing my dissertation



<https://blog.namisunami.com/b38e5ff5>

Special thanks:



✉ openscience@tue.nl

🌐 sites.google.com/view/osceindhoven

Join the Community



Footnotes

Icon Sources

- Lucide.dev
- SVGrepo.com

Image Source

- Unsplash

This work is marked with CC0 1.0