

RIFAZ NAHIYAN

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ABOUT ME

I *love* the open source philosophy! Fortunately, I have been able to contribute both in terms of source code, and activism for open source. I also love *music*, and ***cars*** with great passion. I can talk for days about automobile, although I still don't own one (please help me change that, thank you!)

Most of all, I love learning things as they satisfy my curious and mischievous mind. I believe that this world is truly *and constantly* inspiring. Albeit, mixed with some unpleasanties here and there...

OPEN SOURCE

Source Code Contributions

I posted two bug reports in the '*altdesktop/i3ipc-python*' library and Pull Requests for both of them got accepted.

The '*i3ipc-python*' is an Inter-Process Communication (IPC) library for interacting with '*i3wm*' and '*swaywm*' both of which are tiling window managers for the GNU/Linux desktop.

1. The 'SwayWM' version of the library was missing an API that returns all GUI windows belonging to a given app by name: <https://github.com/altdesktop/i3ipc-python/issues/170>
2. The same framework was also missing an API that was part of the SwayWM's IPC specifications, so I implemented it: <https://github.com/altdesktop/i3ipc-python/issues/172>

Other bug reports and discussions that led to a fix

- johnae/persway: <https://github.com/johnae/persway/issues/5>
- brownHCI/WebGazer: <https://github.com/brownhci/WebGazer/issues/130>
- eXeC64/imv: <https://github.com/eXeC64/imv/issues/229#issuecomment-722173641>
- eXeC64/imv: <https://github.com/eXeC64/imv/commit/d12470375a33230ffaeea407237125f18f812781#commitcomment-44048679>

Mozilla Foundation (Volunteering)

I was one of the core volunteers of the Mozilla Bangladesh team. For my contributions to Mozilla's ultimate mission of the "Open Web", I was flown (free of cost) to *San Francisco, California, USA*, to attend the *Mozilla Summit 2013*.

Towards the end of my volunteership (around 2015), I was the acting leader of our local community's "WebMaker" team. "WebMaker" was a Mozilla project that aimed to make teaching, and learning, how to *make* things on the *web* more accessible.

You can read a more about the kinds of activities that I did as a volunteer, along with a few blog posts that cover the different events here:

<https://0x0.st/N6YH>

Also noteworthy

Full-time Linux user since 2013.

You can view my very portable configuration files to turn your computer just like mine in the link provided below.

Check out my configurations, also known as *dotfiles*, here: <https://sr.ht/~rifazn/dotfiles>

SOME OF MY OWN PROJECTS

HTML, CSS (Bootstrap 4, Responsive design)

A little website that I submitted as a project in *Harvard's CS50 Web Programming course*. The website ranks my top 5 most favorite cars of the world. It is made using *Twitter's Bootstrap 4* framework for responsiveness.

Video demonstration: <https://youtu.be/PqCECeuPL6Y>

Using Flask(Python) and REST API

This is a *Flask app* that fetches book ratings by communicating with *Goodreads.com* through their *REST API*. I made this for an online course, *Harvard's CS50 Web Programming*, that I am still completing.

Video demonstration: <https://youtu.be/427Z2yCrviE>

A simple Django App

This is a simple Django app that partially imitates the functionality of *Wikipedia.org*. Anyone can add, and modify existing pages using Markdown (instead of wikitext). This was also one of the projects required in *Harvard's CS50 Web Programming course*.

Video demonstration: https://www.youtube.com/watch?v=aUZJcr1_IBo

A JAVA game

This is a game which I made for my university's OOP course. Source code is provided. Just run `java Game` to play the game.

- <https://github.com/rifazn/save-the-boxes-java-game>

A Python based subtitles fetcher

I wrote a simple python script that uses `opensubtitles.org`'s API to fetch subtitles given a movie name.

- <https://github.com/rifazn/subtipy>

My GitHub

You can find further projects (finished/unfinished), some algorithm implementations in C, and a word vectorizer written in Python in my GitHub profile:

- <https://github.com/rifazn>

ACADEMICS

School

Finished O and A Levels from MLIS (2011 and 2013 respectively).

University

UIU BSc. in CSE. Joined in 2015. To be finished April, 2021.

Currently writing a paper on my capstone project that aims to allow disabled people to browse the web more effortlessly.

OTHER THINGS

- I have very good taste in music. Very diverse taste of genre. Currently Electronic Dance Music (EDM) tops, though.
- Also, I can cut my own hair quite well.

ALSO FIND ME IN

- Facebook: fb.com/rifaznahiyan
- Instagram: insta.com/nahianrifaz
- Twitter: @DaftGoon