

Project name: “CF Roulette”

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Group: IT2-2208

Project idea: CodeForces problem randomizer

Expected functionality: Pick a random CodeForces problem with some custom criteria (Required tags, disallowed tags, custom rating range). A section with problem/problems of the day: a problem/problems randomly picked for that day, same for all users (Encourages interactions with the community as well as daily practice! :D). A ladder with custom-picked problems that advances as the user solves them. Obv. a lot of CodeForces API interactions. Maybe upcoming CodeForces round tracker. Also maybe some stat tracker.

Inspirations:

- <https://codeforces.com>
- <https://karimelghamry.github.io/Codeforces-Randomizer/>
- <https://a2oj.netlify.app/ladders/> (And its predecessors, and similar ones)
- <https://www.nytimes.com/games/wordle/index.html>
- <https://cfviz.netlify.app/>