

Why Big-

- As in any process, big-little selection can cause a lot of drama, this project will eliminate that with the blame on the algorithm rather than the organizer.
- Organizers can be biased towards giving their friends preferential treatment, this will eliminate those biases.
- Deciding on matches for 50+ people can be overwhelming, this process does all the legwork for you.

Future Features

- Emailing bigs/littles who their match is
- Ability to generate an autopopulated google form
- Front end hosted on GithubIO
- Ability to match uneven amounts of bigs and littles

What are Bigs and Littles?

Bigs and littles are a huge part of organizations on campus at LMU. When Greek life, Service organizations, Business Fraternities and clubs get new members, a majority of them help make their new members

feel at home by matching them up with a 'big' or a member that has been in the organization for longer than the new member has, to be a mentor, resource and friend for the new member to reach out to.

Current Features

- Parse CSV from google form to sort matches
- Generate good match from a genetic algorithm

Genetic Algorithm

Parse match data

Match up one to one rankings and remove them from the algorithm

Generate initial population

Assess 'fitness' of population

Cull population to top 10% of fitness level

Breed population

Add Mutations

Satisfy Time Criterion?

Final Population