

# INCF GSoC 2022 Application - Your Name

## Contact details

**Full name:**

**Email:**

**Neurostars ID:**

**Location (Country and city):**

**Webpage / Blog / Microblog / Portfolio** (please give at least one):

## Project details

### **Project synopsis / summary**

*What is the project about? Why is it important? (approx 150-300 characters)*

AnalySim is a platform that showcases the technological works of other students, while also providing tools to assist research and collaboration. It has functions similar to Github where you can fork others' projects and join their teams or even create your own project. Users can search projects by keywords and tags.

### **Project in detail**

*How will you handle the project? Please give a detailed description of your planned approach.*

I am very interested in learning the front-end skills of web apps development. This project will allow me to get a deeper understanding of these skills and will enable me to put them to practice right away. I am also interested in helping society. As you can see in my resume, I have already done outreach. I believe that contributing to open source material is also a good way to help improve society.

I am planning to improve how AnalySim looks by simplifying pages to assure that it is both practical and easy for users to navigate through it. I also plan to modify the aesthetics of the website by ensuring that all pages go by the same color scheme, as there are some pages with similar colors to each other, but not the same hex code. I will also make sure all pages are under the same Angular and Bootstrap technology. I want to create GIFs that will not only aid in navigating the website but also represent the graphs that will be generated on AnalySim. I also plan to create webpages to query, browse and filter a CSV file

## **Project implementation and timeline**

### **1) Minimal set of deliverables (bullet point list)**

- Update the existing interface to the latest Angular
- Add Bootstrap technology to all website pages
- Design the Website to have a consistent look
- Continue implementation of design
- Create new pages that are needed for various operations such as browsing projects, filtering projects, searching for topics, etc.
- Create a graphical design that is modern and unique to this project, maybe by incorporating some meaningful GIFs.
- Create a page to browse CSV files
- Create a webpage to query and filter a CSV file
- Create a webpage to display various interactive graphics that can be used for publication by researchers such as histograms
- Assure that users can download and print high-quality images
- Assure that all web pages are printable
- Simplify web pages
- Create guidelines that are easy to understand as GIFs to help people navigate the system
- Communicate and help other developers on the project to make sure that system functions properly
- Make the footer consistent on all pages, without wasting so much space
- Finalize the Contact Us page

### **2) Additional 'if time allows' deliverables (optional)**

- Design an account confirmation email
- Design error pages
- Add media query for mobile

- Create documentation
- Improve the look on mobile devices

3) Detailed timeline; when will you do what? (per week or two-week period)

Date	Goals
Pre GSoC	<ul style="list-style-type: none"> <li>• Install required programs</li> <li>• Communicate with previous developers</li> </ul>
Community Bonding Period	<ul style="list-style-type: none"> <li>• Attend workshops</li> <li>• Learning project configuration and commands/watch tutorials</li> <li>• Look over the website to see styling problems and where user navigation should be simplified</li> <li>• Test out simple modifications</li> </ul>
Week 1	<ul style="list-style-type: none"> <li>• Create a consistent design for existing and newly proposed pages</li> <li>• Create a draft user workflow</li> <li>• Get feedback for proposed pages and workflow</li> </ul>
(2 weeks) Week 2 and Week 3	<ul style="list-style-type: none"> <li>• Study Bootstrap technology for adopting into all website pages</li> <li>• Update the existing interface to the latest Angular</li> <li>• Design current website pages to have a consistent look</li> <li>• Simplify web pages</li> </ul>
Week 4 and Week 5	<ul style="list-style-type: none"> <li>• Draft Create a page to browse CSV files</li> <li>• Create a webpage to query and filter a CSV file</li> <li>• Communicate and help other developers on the project to make sure that system functions properly</li> </ul>
Week 6	<ul style="list-style-type: none"> <li>• Create a graphical design that is modern and unique to this project</li> </ul>

	<ul style="list-style-type: none"> <li>• Create guidelines that are easy to understand as GIFs to help people navigate the system</li> </ul>
Week 7 and 8	<ul style="list-style-type: none"> <li>• Create a webpage to display various interactive graphics that can be used for publication by researchers such as histograms</li> </ul>
Week 11	<ul style="list-style-type: none"> <li>• Assure that all web pages are printable</li> <li>• Assure that users can download and print high-quality images</li> </ul>
Week 12	<ul style="list-style-type: none"> <li>• Finalize the Contact Us page</li> <li>• Test website workflow and fix issues</li> <li>• Final report submission</li> </ul>

### Your plan for communication with mentors

*How, and how often, will you and the mentors keep in contact? (Via weekly video calls, via email, via chat...?)*

I plan to meet with my mentors weekly via video call and provide updates via email or any other method they prefer. I will document changes through a shared Google document. I am willing to create any different messenger accounts required that I do not currently have. I can currently be contacted via Google Chats, Groupme, Discord, Slack, Teams, and personal cell.

### Candidate details

*Please give a short summary of your past experience* **Tell us your motivation - why do you want to do this project?**

[Removed]

*Match - tell us about something you've worked on in the past that would make you a good candidate for this project*

[Removed]

*You can apply for up to three projects. Is this the only project that you will apply for?*

Yes.

*Working time - how many hours per week do you plan to work, and how will you divide your time?*

I plan to work 25 hours a week.

*Do you have any other plans for the work period (school work, another job, planned vacation)? If so, how do you plan to combine them with your work?*

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