



OPEN SOURCE FOR UNDERGRADUATES

STARTING GUIDE

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Introduction to Hacktitude 2019

Hacktitude provides an opportunity for determined and capable individuals to contribute to the open source community and to open source repositories of 99X Technology as well as to associate yourselves with well experienced giants and experts in the industry.

The competition will span over 3 months where the contestants will be given various tasks to complete on the 99x Github repositories. So do not miss out on this tremendous opportunity where you can kick off your open source journey.

What is Open Source contributing?

What it means to contribute?

A misconception about open source contribution is you always have to contribute code. There are other parts of the project that are neglected or overlooked.

You can contribute to an open-source project in the following ways.

1. Like to design?

- Restructure layouts to improve the project's usability.
- Conduct user research to reorganize and refine the project's navigation or menus.
- Put together a style guide to help the project have a consistent visual design.
- Create art for t-shirts or a new logo.

2. Like to write?

- Write and improve the project's documentation.
- Curate a folder of examples showing how the project is used.
- Start a newsletter for the project, or curate highlights from the mailing list.
- Write tutorials for the project.
- Write a translation for the project's documentation.

3. Like organizing?

- Link to duplicate issues, and suggest new issue labels, to keep things organized.
- Go through open issues and suggest closing old ones.
- Ask clarifying questions on recently opened issues to move the discussion forward.

4. Like helping people?

- Answer questions about the project on e.g., Stack Overflow (like this Postgres example) or Reddit.
- Answer questions for people on open issues.
- Help moderate the discussion boards or conversation channels.

5. Like helping others code?

- Review code on other people's submissions.
- Write tutorials for how a project can be used.
- Offer to mentor another contributor.

6. Do you like to code?

- Find an open issue to tackle
- Ask if you can help write a new feature
- Automate project setup
- Improve tooling and testing

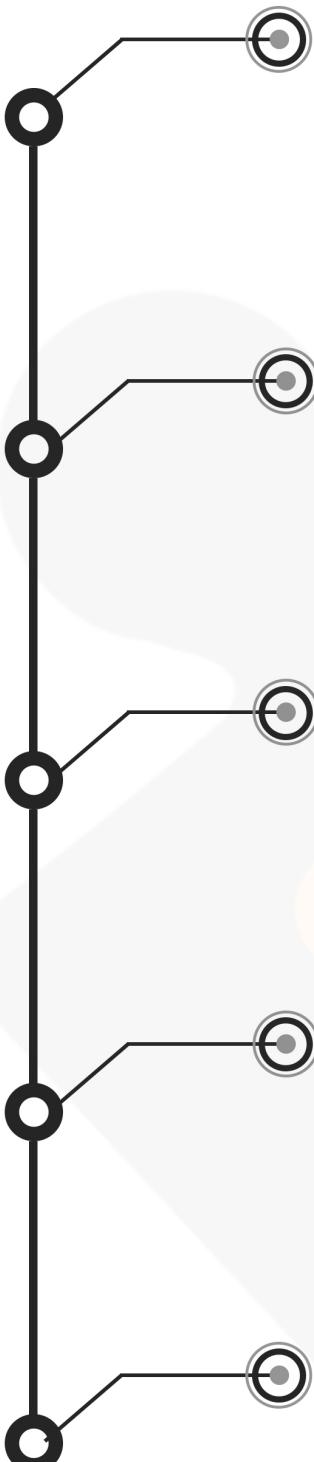
Finding a project to contribute to

If you are looking to fix existing issues in an open-source project, they have a "/contribute"

A page that highlights issues that you can start out. Navigate to the main page of the repository on GitHub, and add /contribute at the end of the URL

Eg:- <https://github.com/facebook/react/contribut>e

Timeline



Registrations

09th December, 2019 - 30th December, 2020

Registrations are open for all the undergraduates who have passion towards open source contributing.

You can register via <http://hacktitude.99xtechnology.com/>

1st Round

06th January, 2020 - 10th February, 2020

Initial round will go for 6 weeks and at the end of each week, top 3 contributors will be announced via our official Dotitude page.

Select Top 10 Contributors

10th February, 2020 - 16th February, 2020

Based on the performance of the 1st round, top 10 contributors will be selected for the 2nd round. The evaluation process is done by the industry experts in Open Source and Software Engineering.

2nd Round

17th February, 2020 - 29th March, 2020

Congratulations! You have entered to the final stage. Do contribute to the Open Source more! The win is near!

Awarding Ceremony

08th April, 2020

Our panel of judges will select the top 10 contributors and top 3 contributors for the competition and they will be awarded!

How to contribute?

1. Register for Hacktitude 2019
<http://hacktitude.99xtechnology.com>
2. Go to 99x Technology github repo.
<https://opensource.99xtechnology.com/>
3. Checkout for our projects with hacktitude tag.
4. Visit the repo.
5. Visit the Issue tab.
6. Fork the repo.
7. Add your contribution in your local copy.
8. Create a pull request.
9. Add the URL/Issue Number and Submit.
10. Contribute weekly and win amazing gifts!

Rules and Regulations

1. Description of the contest

1.1 Sponsor

Hacktitude (the “Competition”) is sponsored by 99X Technology situated at #65, Walukarama Road, Colombo 03, Sri Lanka.

1.2 Overview

1.2.1 The competition is designed to

1.2.1.1: To encourage and inspire university students to get involved and enhance their contributions to the open source community;

1.2.1.2: Involve university students in Open Source projects at 99X Technology.

1.2.2 First Round

As a registered contestant in the Contest, you may select a task provided by 99X Technology. Once you have worked on the task and believe it is ready for the Organization to review, you may submit a pull request and send the link of the pull request as a Contest entry via Google Form. Judges assigned to each project by 99X Technology will evaluate entries in accordance with these Contest Rules and prizes will be awarded to eligible contestants.

1.2.3 Final Round

1.2.3.1: The top 10 contributors will then be individually mentored by one of 99X Technology professionals to work on a project provided by 99X Technology.

1.2.3.2: On completion of the idea and mentor pairing phase, these finalists would be given six weeks to work on their repositories under the guidance of their specific mentors.

1.2.3.3: At the end of these two weeks, their repositories would be reviewed, and the top 3 contributors would be selected and rewarded with prizes

1.2.3.4: All the new repositories will be open source projects and resides under 99XT GitHub organization. These projects will be licensed under MIT license.

Rules and Regulations cont.

1.3 Competition Website

Website of the competition is located at,
<http://hacktitude.99xtechnology.com/>

1.4 Contest period

1.4.1 Duration of the competition

1.4.1.1: Initial Round – 6th January 2020 to 10th February 2020.

1.4.1.2: Final Round – 17th February 2020 to 08th April 2020.

1.5 Change to Contest

99X Technology may suspend, cancel, or modify the structure of the Contest if technical difficulties or events beyond 99X Technology's reasonable control prevent or make it unfair to run the Contest in accordance with these Contest Rules.

2. Eligibility

2.1 Proof of eligibility

To participate in the contest:

2.1.1: Participant must be a university undergraduate at the date of the registering for the competition.

2.1.2: For the duration of this contest, the participant must have enrolled to a program at university.

2.1.3: Must submit a proof on enrollment (University ID) when registering for the contest.

2.1.4: Undergraduates who are currently interning at 99X Technology cannot participate in this contest.

2.2 Ineligible Individuals

To participate in the contest:

2.2.1: You are not following degree program at a university.

2.2.2: You have already graduated from a University.

Rules and Regulations cont.

3. How to register

3.1 Registration - To enter the competition, you must first register through the competition website at <http://hacktitude.99xtechnology.com/>

3.2 Select “Register Now” and register through the google form that you are redirected to.

4. How to submit an entry once registered

4.1 Submissions can be Feature implementation, improving test cases, Issues reporting, PR testing and Documentation (When creating an issue, **Use Hacktitude Label** with the issue).

4.2 When making the submissions the participant should use the Submission Form.

4.3 Any work that are submitted through other means (Ex: Email) will not be considered as a legitimate submission.

4.4 Only submissions made between 00.00 am January 6th, 2020 and 11.59 pm February 10th, 2019 will be taken into consideration.

5. Submissions

5.1 First Round

A submission will be only taken as a valid submission for the first round only and only if that submission is considered to satisfy the requirements by the judging panel.

5.2 Final Round

Submissions of this round will be commits to the repository. The repository will be reviewed by the judging panel.

Only the first accepted submission of a PR made for an issue will be considered. In any case of a conflict, the judges' decision will be final.

6. Judging

Judging panel at 99X Technology will be judging the entries submitted by the participants.

Rules and Regulations cont.

7. Disclaimer

- 7.1** For the first-round submissions that are done after 06th January 00:00 am and before 10th February 11.59 pm will only be taken into consideration.
- 7.2** 99X Technology is not responsible for any incomplete, failed, or delayed transmission of your registration information or submissions due to the internet, including interruption or delays caused by equipment or software malfunction or other technical problems.
- 7.3** All the communication between 99X Technology and participants or mentors and participants will be through email. 99X Technology will not be responsible in an event of participant failing to check or receive email to the email address which was provided during the registration.

8. General

8.1 Not an offer or contract of employment

- 8.1.1** You acknowledge that your participation is voluntary.
- 8.1.2** You acknowledge that no confidential, fiduciary, agency or other relationship or implied-in-fact contract now exists between you and 99X Technology and that no such relationship is established by your submission of an entry to the Contest.
- 8.1.3** You understand and agree that nothing in these Contest Rules or an entry to the Contest or an award of a prize may be construed as an offer or contract of employment with either 99X Technology.

8.2 Severability

If any term (or part of a term) of these Contest Rules is invalid, illegal or unenforceable, the rest of the Contest Rules will remain in effect.

A checklist before you contribute

Do a quick scan to make sure that the project is suitable for accepting contributions. Otherwise, you may not get a response to your contribution.

Meets the definition of open source

Does it have a license?

There is a file called LICENSE in the root of the repository.

The project actively accepts contributions

Look at the commit activity on the master branch.

On GitHub, you can see this information on a repository's homepage.

Inspect the project's issues.

Do maintainers respond quickly to issues when they are opened?

Are issues getting closed?

(On GitHub, click the "closed" tab on the Issues page to see closed issues.)



Creating your own open-source project

If you have a project that you are already working on, There might be a module that may be useful to other fellow developers. You can separate that piece of code and open-source it as well.

From Hacktitude 2017

