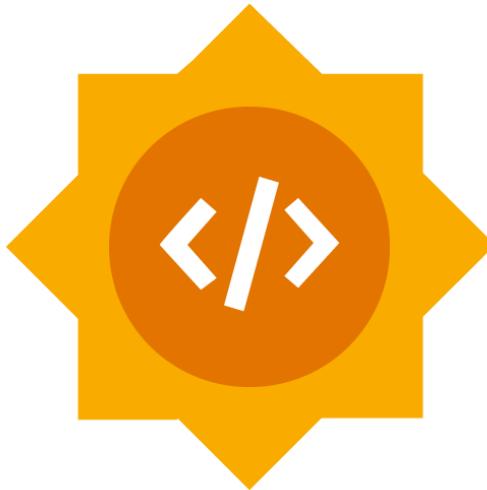


Disclaimer

- Saroj Maharjan from Nepal
- Not associated/employed/paid by Google
- Volunteer as mentor at Google Summer of Code for Ruby org since 2018 and 2019
- Volunteer as Ruby org Admin for GSoC 2022 and 2023 (this year)
- Not a Google propaganda
- Microsoft Student Partner 2009/2010



Google Summer of Code

What is open source?

- Computer software where the source code is distributed under an open source license that allows anyone to study, change, improve and distribute the software.
- Promotes collaboration
- Community of dedicated developers

What is Google Summer of Code?

Google Summer of Code (GSoC) is an online, international program designed to encourage new contributors to participate in open source software development under the guidance of mentors from the open source community.

About GSoC

- GSoC is a global program focused on bringing more contributors into open source software development.
- The program is open to students and to beginners in open source that are 18 years and older.
- Contributors work on medium sized projects (~175 hours) or large projects (~350 hours).
- The standard coding period is 12 weeks, however, contributors can extend their project to a max of 22 weeks with approval from their mentor.
- Contributors work with an open source organization under the guidance of mentors while earning a stipend for successfully completing their project.



Goals of the Program

- Introduce new contributors to open source software development.
- Help open source projects bring in new, excited developers who stay involved in their communities after the program ends.
- Give contributors exposure to real-world software development scenarios (testing, version control, software licensing, distributed development, etc.).
- Create more open source code for all to use.

How does GSoC work?



Open source software projects apply to be mentor organizations

Google chooses the organizations to participate (198 in 2022)

Contributors submit project proposals to mentor organizations

Mentor organizations choose the contributors they'd like to accept

Contributors are paired with a mentor to help them throughout their project

Coding begins! Contributors work on their project under the guidance of their mentor over 12 weeks (*possible extensions available*)



Frequently Asked Questions

How much time do I need to spend on the project?

There are two project sizes: ~175 hours and ~350 hours. The coding period is 12 weeks, however with mentor agreement you can extend the period to a max of 22 weeks. Some folks will spend more time and others a bit less.

I'm new to open source, can I participate?

Yes, GSoC is open to all newcomers 18 years and older. As long as you are excited and ready to learn from your mentors and have some level of programming experience you can succeed in GSoC.

Evaluations

- Contributors must pass two (2) evaluations
- Contributors who pass each evaluation are paid a stipend for their work
- At the conclusion of GSoC, Contributors submit the code they've written for their project for everyone to see and use!



Eligibility



Over 18 upon registration for program



Beginner contributor to open source or a student



Eligible to work in the country in which you will reside during the coding period

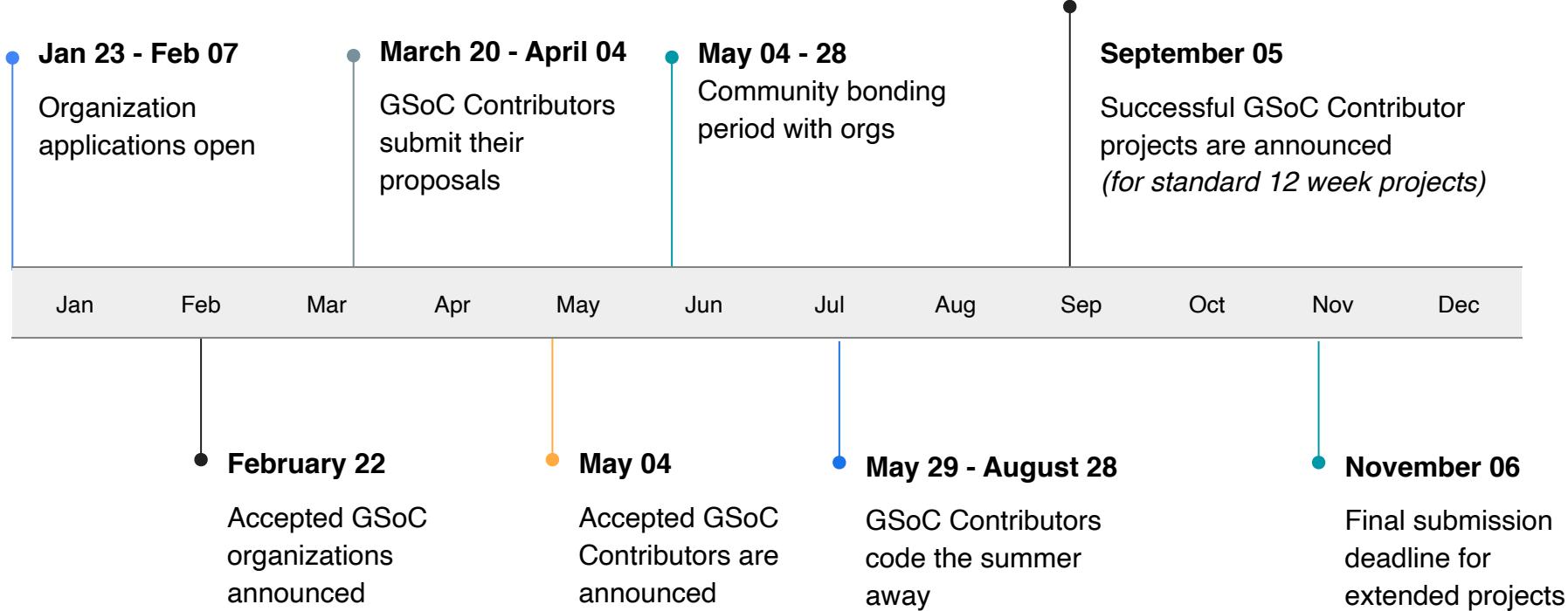


Not a resident of a US embargoed country



Not previously accepted into GSoC more than once

2023 Program Timeline



Google Summer of Code Statistics, since 2005...

Over 19,000+
participants from 112
countries have been
accepted into GSoC



Over 18,000
mentors from 133
countries



800+ open source
mentoring
organizations





Google Summer of Code

Introduction to Google Summer of Code

|||

Google Summer of Code



Ruby

The Ruby programming language and other libraries



Ruby Science Foundation

Tools for scientific computation in Ruby



ZynAddSubFX

An open source musical software synthesizer with a wide range of possibilities



freifunk

Freifunk is a non-commercial initiative for free and open wireless networks.



OpenStreetMap

Creating and distributing free geographic data for the world.



Amahi

Making Home Networking and Storage Simple



Berkman Klein Center for Internet and Society

Exploring cyberspace, sharing in its study, & helping to pioneer its development



FOSDEM

The organization that handles all aspects of the FOSDEM conference



Public Lab

Open hardware and software to help communities measure and analyze pollution



JBoss Community

Community of Java projects around JBoss Middleware



Git

fast, scalable, distributed revision control system



InterMine

Integrating biological data sources, making it easy to query and analyse data



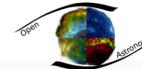
CloudCV

Building platforms for reproducible AI research



Haiku

Integrated operating system for personal computers



Open Astronomy

Opening the eyes of research astronomy software to the whole world.

**Ruby**

Ruby is an object-oriented programming language

**GitLab**

Everyone can contribute

**Metasploit**

World's most used penetration testing framework

**openSUSE Project**

Makers' choice for sysadmins, developers & users

**Mayor's Office of New Urban Mechanics**

Exploring new approaches to civic life.

**Git**

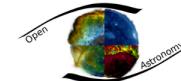
Fast,Scalable,Distributed revision control system

**LLVM Compiler Infrastructure**

LLVM Compiler Infrastructure

**MetaCall**

Simplifying the embedding of programming languages

**OpenAstronomy**

Look at the Universe with the power of open source

**rocket.chat**

Open source team chat and communications platform

**coreboot**

Fast, secure and flexible BIOS firmware



Home

Explore

Communities

Notifications

Messages

Bookmarks

Profile

More

Tweet

[Yukihiro Matz](#)

37.8K Tweets

Following

Yukihiro Matz Retweeted

Saroj zoras @zoraslapen · Jan 19

Potential Mentors, please feel free to add your Ruby ideas for GSoC 2023 to the list here

[rubygsoc/rubygsoc](#)



Ruby Google Summer of Code project

6
Contributors

0
Issues

103
Stars

8
Forks



github.com

Ideas List (2023) · rubygsoc/rubygsoc Wiki

Ruby Google Summer of Code project. Contribute to rubygsoc/rubygsoc development by creating an account on GitHub.



1



4



4



5,397



Show this thread

Yukihiro Matz Retweeted

Sarjo zoras @zoraslapen · Jan 19

Calling open source #Ruby related organizations/projects/implementations/alt frameworks like ruby, ruby on rails, jruby, truffleruby, sinatra, hanami, jekyll, bundler, etc to participate under the Ruby umbrella for #GSoC 2023.

[rubygsoc/rubygsoc](#)



Ruby Google Summer of Code project



Ideas for Ruby GSoC 2023?



- Standard Ruby Interpreter (MRI)
- JRuby
- TruffleRuby
- Scarpe

- [https://github.com/rubygsoc/rubygsoc/wiki/Ideas-List-\(2023\)](https://github.com/rubygsoc/rubygsoc/wiki/Ideas-List-(2023))

If you want to Mentor at GSOC

- Code committer/contributor for the open source project
- Enough experience with the programming language (ruby) and project
- Past experience to guide beginners and juniors

Students/Mentor Summits



So You Want to be a GSoC Student?

<https://youtu.be/YN7uGCg5vLg>

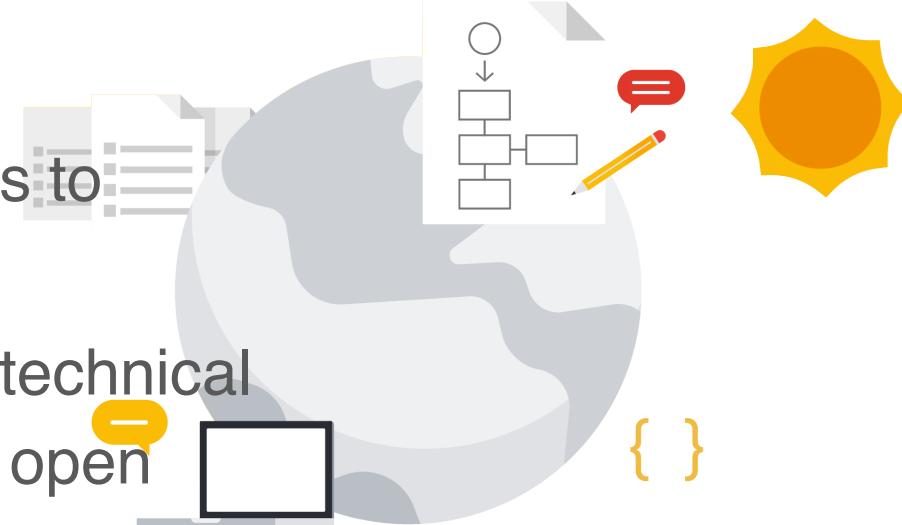
Useful links

- Program Site: <http://g.co/gsoc>
- GSoC Contributor Guide: <http://g.co/gsoc/resources/guide>
- Google Open Source Blog: <https://opensource.googleblog.com/>
- Contact GSoC: gsoc-support@google.com



Google Season of Docs

- Support open source projects to improve their documentation
- Opportunity for professional technical writers to gain experience in open source
- <https://developers.google.com/season-of-docs/>
- [https://github.com/rubygsoc/rubygsod/wiki/Ideas-List-\(2023\)](https://github.com/rubygsoc/rubygsod/wiki/Ideas-List-(2023))



Questions?