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 high level collaboration with industry experts.
- Community of dedicated developers.





What is Google Summer of Code?

Google Summer of Code (GSoC) is a global, online program focused on bringing new contributors into open source software development. GSoC Contributors work with an open source organization on a 12+ week programming project under the guidance of mentors.



GSoC Goals

- Introduce new contributors to open source software development.
- Help early career professionals build their skills.
- Create strong collaborations between committed developers and the IT communities to sustain open source projects.
- Expose Contributors to real-world software development scenarios and work with new technologies.
- Create more open source code for all to use.

About GSoC

- GSoC is a global program focused on bringing new contributors into open source software development.
- The program is open to students and beginners in open source (~2yrs or less) that are 18 years and older.
- Contributors work on small sized projects (~90 hours), medium sized projects (~175 hours) or large projects (~350 hours).
- The standard coding period is 12 weeks, extendable to a max of 22 weeks with the mentor's approval. For the small sized projects, the coding period is 8 weeks.
- Contributors work with an open source organization under the guidance of mentors while earning a stipend for successfully completing their project.

How does GSoC work?

Feb 19

Feb 19 - Mar 16

Mar 16 -Mar 31

Mar 31

Apr 30

May 25

Google
chooses the
mentoring
organizations
to participate
(185 in 2025)

Interested participants reach out to orgs, review Project Ideas and discuss with orgs

Contributors submit project proposals to mentor organizations

Mentor organizations choose their contributors

(based on proposals)

Accepted
GSoC
Contributors
announced
and paired
with mentors
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)





Over 18 upon registration for program. (legal requirement)



Beginner contributor to open source (~2yoe) 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.



Limited to a maximum of two past acceptances into GSoC.

Things to consider before applying to GSoC

1

What are your interests?

(Security, AI, data, developer tools, operating systems, science and medicine, web, etc.) --Search by Category -- top of search page 2

What technologies are you familiar with?

(python, go, C++, android, javascript, django, etc.)

3

What is your available time commitment?

(90, 175, 350 hours for coding period)

How do I choose an organization?

- Use the previous criteria to narrow down the ~200 mentoring organizations down to 10 or less.
- Read more about each of their organizations from their org URL.
- Read through their Project Ideas list -- try to find a couple ideas with the orgs that really interest you.
- Reach out to the orgs via their communications channels to ask questions about the project ideas.
- Determine if you like the 'vibe' of the community.

Project Proposal Info

- Once you've narrowed it down to 1-3 orgs, reach out to them and start writing your proposal for the project.
- You can submit a maximum of 3 project proposals total (to different orgs or even multiple to same org if you wish).
- Once your proposal is written ask the org for feedback.
- The earlier you write the proposal the better
 - Try to write it before March 16 when Contributor apps open
- 98% of Mentors are volunteers, be patient.

Writing the Project Proposal

Many organizations have their own template with certain questions or information they want applicants to include.

- Why you want to work on the project idea
- Include any background skills/knowledge, maybe a short biography
- Related work you have done
- Deliverables what you want to achieve with the project and how you propose to break up the work (by week/month)
- Clear title! Not Jane's proposal to Org A:)
- Generally 3-8 pages doesn't need to be a book!
- Follow all Org instructions including whether any AI generated text is allowed or not (some orgs will disqualify your application if you use AI)

Frequently asked questions

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

There are 3 project sizes:

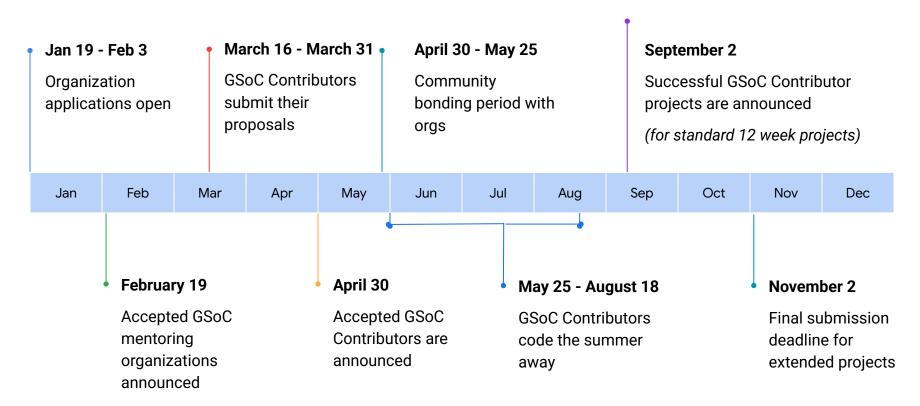
- 90 hours (8 week coding period),
- 175 hours (12 week coding period)
- 350 hours (12 week coding period)

With mentor agreement you can extend the period to a max of 22 weeks.

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

Yes, GSoC is open to all newcomers of **18+ years**. 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.

2026 Program **Timeline**





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



Next Steps



Read the **Contributor Guide** - tons of great information and tips!

Feb 19 look at accepted org list, start investigating orgs and reach out as soon as possible

Think about what time commitment you can make for GSoC - helps decide your project size

Helpful Links

- Program Site: http://g.co/gsoc
- GSoC Contributor Guide http://g.co/gsoc/resources/guide
- Program Rules https://summerofcode.withgoogle.com/rules
- Advice for Applying to GSoC
 - https://developers.google.com/open-source/gsoc/help/student-advice
- **Discord Chat channel:** <u>discord.gg/google-dev-community</u>
- GSoC Contact: <u>gsoc-support@google.com</u>