

# GSoC: Getting started and Beyond

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# What is Open-Source?

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It's not all about the open source code:

- Free Redistribution
  - Can not restrict anyone from selling
  - Can not require a royalty/ fee for usage
- Source Code
  - Distributions must include original source code as well as compiled form
- Derived Works
  - Should allow modifications
- No Discrimination

# Everyday Open Source

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- GNU/Linux
  - <https://github.com/torvalds/linux>
- Chromium
  - <https://github.com/chromium/chromium>
- Ubuntu
- VLC Media Player
- Firefox
  - <https://github.com/mozilla>
- Android
- NodeJS
- Python
- Ruby
- Aarogya Setu
  - [https://openforge.gov.in/plugins/git/aarogyasetubackend/aarogya\\_setu\\_backend.git](https://openforge.gov.in/plugins/git/aarogyasetubackend/aarogya_setu_backend.git)

# TLDR

What & Why?

Projects which anyone can inspect, modify & enhance at free of cost

Provides control, stability & security

Thousands of contributors

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# Why Contribute?

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- A great way to get real-world software development experience
- Community is very helpful
  - Encourages new developers to take part
- You'll gain exposure, skills & knowledge
- Getting started is easy

**How to make your first contribution?**

# Good First Issue

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Good First Issue curates easy pickings from popular open-source projects, and helps you make your first contribution to open-source.

<https://goodfirstissue.dev/>

<https://github.com/MunGell/awesome-for-beginners>

# Why GSoC?

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- A Google Summer of Code project will give you a great headstart for you career
- A good GSoC project can lend you a very great internship/job. For instance: Facebook, London.
- Git/Github is one of the most widely used tools for version control. A GSoC would give you an opportunity to learn using Git in real projects.
- GSoC project will help you in behavioural interviews as well
  - In regards to the increasing attention to WFH and remote setup - It'll show that you can be successful in remote setting



# Why GSoC?

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- Some of the GSoC projects/organisations are research oriented. Completing a successful project might help you with LoRs (from your mentors) if you wish to go for Masters/PhD.
- A lot of companies (for eg: Palantir) rate open-source contribution very highly
- You can become a GSoC mentor next year!
- Very competitive stipend
- You should consider working with Open-Source projects beyond the Google Summer of Code. The feeling that your work is going to be used by so many people and that your contribution might make someone's life easier is a great feeling!

# How to choose Organization(s)?

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- Follow your interests
- Sort Organizations by Type
- Sort Organizations by Languages/Technologies they use
- Choose organizations which have high likelihood of getting selected

# Do's

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- Start with multiple organizations in parallel
- Talk to members of the organization and get feedback from them about your proposal/thoughts
- If your org has any active issues which you can solve, try to patch it up - this will help your org members/mentors to put faith in your competency
- Keep in mind that your proposal is what you'll be judged on in the end, so making a good proposal should be your number one priority

# Don'ts

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- Don't delay your proposal - start as soon as possible
- Don't bite off more than you can chew, keep your project deliverables and timeline realistic
- Don't waste time for a project you do not understand more than 50%
- Don't wait to achieve 100% understanding of a project
- Don't lose patience - understand that the org members are not doing this full time, they might take some time to revert back to you

# Question?

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