



Google Summer of Code

Google Summer Of Code

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Topics Covered

- What is Open Source?
- What is Google Summer Of Code?
- Why students should take part?
- How to get started?
- Taking part in Google Summer Of Code
- Being Part of Open Source community



What is Open Source ?

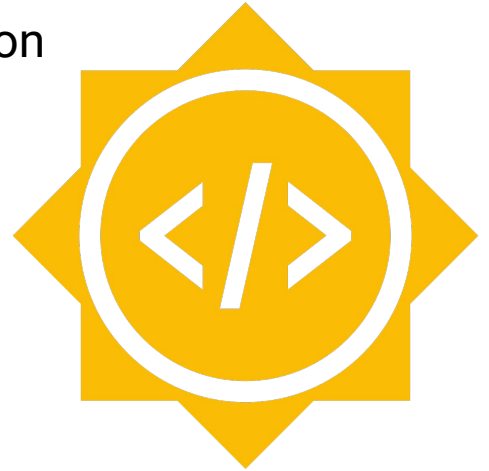
- Computer software where the source code is distributed under an open source license that allows anyone to study, change, improve and distribute the software.
- Most of the Open Source project are developed through a version control system.
- Promotes collaboration
- Community of dedicated developers



What is Google Summer of Code ?

Google Summer of Code (GSoC) is a global program designed to encourage university student participation in open source software development.

Selected students work with an open source organization on a 3 months programming project during their break from university.



What's in it for students?

- **Community** : Helps you in networking and gaining contacts. A lot of people also work in good startups and companies, which might be of interest for future employment.
- **Career** : Google Summer of Code is quite competitive. The fact that you were selected demonstrates an above average skill level, which acts positively when you are looking for jobs. Also, the fact that it is Google administered also adds a cherry to the top. So, companies do pay attention to this.
- **Chance with Google itself** : One time referral given to Google Summer of Code students can be used for a possible job opportunity at Google itself. Several people have been contacted by Google post their GSoC and offered internships/jobs.
- **Stipend** : Google pays 3000 USD as stipend for their work.

Great! How do I get started ?

- Learn to google! *The single most important skill that isn't talked about enough.*
- Get away from Windows! macOS is fine but Linux is the best!
- Brush up your basics and become good in a programming language or domain.
 - Backend (API) Development - Python/Ruby/JavaScript/C#/Java
 - Front End Development - HTML/CSS/Javascript
 - App Development - Java/Kotlin/Javascript/Flutter
 - Kernels - C/C++/Assembly
 - And more...
- Learn Git! *The heart of most open source software projects.*
- Code and contribute to open source.

How do I participate in GSoC ?

Find an organization

- ***Work in domain you have interest*** : Look for organization that work in the domain that interests you and is based off the programming language you're comfortable with.
- ***Interact*** : Get into conversation with the community and understand why they use the selected technology to achieve their goal. Have a doubt or a problem? Ask!
- ***Learn their Codebase*** : Understand how their code flow and works, get comfortable with it. Make changes and see how they reflect back.
- ***Start Contributing!*** : Once you are comfortable with their codebase, start solving beginner friendly bugs/issues and start climbing the ladder.
- ***Be early*** : Approach the community about your interest in GSoC from a early stage and start working on a draft proposal for your project.

Points to remember

- **Keep contributing** : You contributing even after submitting your proposal shows your seriousness towards their project. Keep in touch with the community and contribute in your free time even after the GSoC period.
- **Maintain good communication** : Ask for help if you need help and take the time to answer the queries of other developers. Be the role model for new developers who join and the positivity will continue.
- **Letter of Recommendation** : You can get a letter of recommendation from your organization which will be useful if you want to do your post-graduation abroad.
- **Did not get selected for GSoC ?** The time that you spent contributing helped you get into the flow of being in the open sourced community. The new organization that you apply to will see your passion for Open Source and that itself is noteworthy.

Questions?

Thank You!