



Google  
Summer of Code



Rails Girls  
Summer of Code



How to get started with Open Source Projects and SoC  
programs



# 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



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## **What is GSoC?**

Google Summer of Code (GSoC) is an online, international program designed to encourage university student participation in open source software development.



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## **What are other Summer of Code(GSoC like) programs ?**

Outreachy, Summer of KDE, Rails Summer of Code, etc.

Note: application process almost same as for GSoC.



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## Why contribute?

- Absolutely amazing learning experience!
- Sense of achievement
- Hone your developer skills
- Build a strong network when applying for jobs



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## Why contribute?

- Spring board to open source world
- For the love of Code
- Stipend, fame and the t-shirt



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## **Am I good enough?**

### **Soft Skills**

- Figure out where to go to get help
- Take and respond well to feedback
- Work independently
- Know when to ask questions



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## Am I good enough?

### Technical Skills

- Install and configure software packages
- Access to a functioning computer 40 hours a week
- Experience using the programming language and operating system.





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**Pro Tip:** Don't be afraid to apply to projects where you only meet 51% of the listed requirements.

- Include a section on how you'll compensate for or learn the missing skills
- demonstrate during the application process that you are working on acquiring those new skills.



How to Apply



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## Choosing a Project

- Shortlist
- Ask questions
- Re-evaluate your options



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## **Making First Contact**

- Observe community interactions
- Begin participating in conversations
  - Introduce yourself
  - Ask questions
  - Be humble
  - Don't be intimidated



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## Contributing

- Setup up development env - 50% of the work
- Go through the issue tracker and pick one bite-sized issue
- Submit a pr 🎉



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## **Strong candidates**

- Start early!
- Have multiple contributions
- Submit proposal early to get feedback from mentors



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## Proposal

- Research, look through project
- Be specific about the timeline
- Discuss with mentors, ask for feedback
- Make a prototype! (optional)



Demo with a sample project





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## Useful links

- Program Site: <http://g.co/gsoc>
- Student Guide: <http://g.co/gsoc/resources/manual>
- Outreachy: <https://www.outreachy.org/>
- Other SoC programs: <https://github.com/tapasweni-pathak/SOC-Programs>



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## 2018 Program Timeline\*

- **Jan 4:** Organization applications open
- **March\*:** Students submit their proposals
- **Late April:** Accepted students are announced
- **Late April-Mid May:** Community bonding period with orgs
- **Mid May-August:** Students code the summer away
- **Late August:** Successful student projects are announced

\* Exact dates will be announced in November 2017



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**Questions?**



All the Best!