

Google Summer of Code 2016
Opportunities in Apache Airavata
<https://g.co/gsoc>

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Google Summer of Code

- Google Summer of Code (GSoC) is an online, international program designed to encourage university student participation in open source software development.
- GSoC provides the framework for students to work for an open source software organization, paying them a stipend in exchange for their development on the project.
- University students spend their time outside of school working in a field that can help them with their studies and career *after* university





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Goals of the program

- Helps organizations continue to identify and bring in new developers each year
- Exposes students to real world software development scenarios
- Helps students build a strong network when applying for jobs





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How does GSoC work?

- Open source software projects apply to be mentoring organizations
- Google chooses the organizations to participate
- Students submit project proposals to mentoring organizations





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How does GSoC work?

- Mentoring organizations choose the students they'd like to accept
- Students are paired with a mentor to help them throughout their project
- Coding begins! Students work towards milestones laid out in their project proposal with their mentor over 12 weeks





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Evaluations

- Students must pass a midterm and final evaluation
- Students who pass each evaluation are paid a stipend for their work
- At the conclusion of GSoC, students submit the code they've written for their project for everyone to see and use!





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Stipends

- Google provides a stipend of 5500 USD per accepted student developer
- Accepted students in good standing receive 500 USD shortly after coding begins
- Students receive 2250 USD shortly after passing the mid-term evaluation
- Students receive 2750 USD shortly after the passing the final evaluation





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Eligibility

- Over 18 upon registration
- Accepted into or enrolled in a university program by April 22, 2016
- Eligible to work in the country in which you reside





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Statistics

- In 11 years almost 11,000 students from 103 countries have been accepted into GSoC
- Countries with the most students:
 - United States (2084); India (1808); and Germany (651)
- Approximately 50 million lines of code have been produced





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2016 Program Timeline

- Feb 29:** GSoC Mentor Organizations are announced
- Feb 29 - Mar 13:** Students discuss proposal ideas with orgs
- Mar 14 - Mar 25:** Students submit their proposals
- Apr 22:** Accepted Students are announced
- Apr 22 - May 23:** Community bonding period with orgs
- May 23 - Aug 23:** Students code the summer away
- Aug 30:** Successful student projects are announced





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Useful links

- Program Site: <http://g.co/gsoc>
- Student Manual: <http://g.co/gsoc/studentmanual>
- Discussion List: <http://bit.ly/gsocdiscuss>
- Google Open Source Blog: <http://google-opensource.blogspot.com>



Is GSOC right for you?

- What is your motivation?
 - Stipend?
 - Open Source Passion?
 - Long Term Career as opposed to short term monetary gain



Anti-Patterns

- I will apply now and if no internships come, this will be like a backup.
- I will accept GSOC and work on other jobs – how will any one find out.
- Will take an easy project and finish it and add it to resume and be done with it.
- I am too smart, I can finish the project in evenings and weekends.
- I have always done multi-tasking and will do the same for GSOC.



When to start on a GSOC Proposal

- Best proposals start in Nov-December for following years.
- Good ones start in January
- Ok proposals in February
- Bad proposals are started during the week of submission.
- Worst proposals are started on last day of submission.



What to look for in a project

- Balance on building on what you know vs what you want to learn.
- Play to your strengths while providing yourself an opportunity to address your weakness.
- Do not make decisions based on “buzzy” or “popular” but choose a project that’s fits you.
- Go for projects with active community.



More Information

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