Informative meeting for mentors of CERN-HSF GSoC 2020

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February 28, 2020
• CERN-HSF was accepted as umbrella organization
  – Among 200 other open source organizations
• Our proposals page is linked in the main GSoC page
  – Expect many new contacts from prospective candidates
• What should mentors do?
  – The essentials are available in our Mentor Guideline document
  – Recommended: Google’s Mentor Guideline
2020 Numbers

• Organizations: 30
• Projects: 22
• Proposals: 48
• Mentors: 82
### Student-organization interaction period

<table>
<thead>
<tr>
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<th>Feb. 20 – Mar. 16 (NOW!)</th>
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<td>Student application period</td>
<td>March 16 - March 31</td>
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<tr>
<td>CERN-HSF Slot assignment</td>
<td>March 31 - April 27</td>
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<tr>
<td>Community bonding period</td>
<td>April 27 – May 18</td>
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<td>Coding period</td>
<td>May 18 – Aug 10 + 1 week for the report</td>
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Mentors are contacted by candidates
1. Accept our invitation and sign on as a mentor on GSoC Website
   – Let us know if you have not received it

2. Request joining the Google group: “HEP Software Foundation Google Summer of Code”
   – Our only communication channel for general announcements
   – Make sure all your co-mentors do the same

3. Respond early to ALL student inquiries (1-2 days max)
   – You can use the response template. Ask for CV, provide the test (example in the agenda) and relevant project information
Things to know

• A good test challenge can help a lot in filtering candidates. Communication and responsiveness are important aspects.

• Make sure of the availability of the candidate during the coding period (May 18 - Aug 10)
  – Student proposals should reflect other commitments during the coding period
  – Bear in mind this is **Full remote job for 3 months**
  – Proposals with unacceptable external commitments will not be considered for a slot.
Things to know

• Do not share your preliminary/final ranking of the candidates with the candidates!
  – They are all allowed to make proposals for your project, even if they fail your challenge or you know upfront they will not get selected

• Signing up does not imply or guarantee a student
  – There will be a transparent selection process this year steered by an advisory committee
## Students make proposals

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Things to do

- Give proposal feedback
  - Make sure there is a realistic timeline (matching GSoC) and plan of work leading to the concrete objectives of your project
  - There is a guideline by Google for students (educative also for mentors)
  - Refine their ideas so that they will produce a better quality proposal
  - Student’s proposal can’t be altered after the final submission deadline
• Evaluate and rank students according to test results
  – Quality of solution but also responsiveness
• Submit your rankings to the admins (via web / mail)
  – Feedback about students will help us on the selection process

Please do not communicate preferences to your students
Slots are assigned based on Google’s decision

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How is my project selected?

- All proposals will be evaluated and get a score based on some common criteria, among which:
  - Student proposal quality, ranking by mentors
  - Newcomers and diversity will be encouraged
- The information will be compiled by admins and reviewed by a **HSF-driven advisory committee**
  - We will request a range of slots to Google (last year we were granted 33 slots)
- The advisory committee will meet and propose the final project ranking to allow assigning the slots
Community bonding period

Students get to know their project communities

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Things to do

• Before students are expected to start working
• Establish clear communication channels: Hangouts, Vidyo etc.
• Integrate students into group activities and relevant mailing lists
• Meetings, git, workflow, development environments, etc.
• Make sure your students have all they need to start coding
  – Read any necessary documentation
• Mentors should spend this time helping their students
## Start of Coding

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- Make sure at least one mentor is available at any time
- Maintain regular contact and meetings with student
- Discuss early with admins if any problems arise
  - Illness, unusual excuses, etc.
  - Fail early
- Fill evaluations on time: the organization will get penalized
  - Mentor’s AND student’s evaluations
- Integrate student work into existing communication channels
  - Organize interim and final presentations to your group
  - Think early of possible conferences or venues
- Mentors are responsible to help student contributors integrate into their project’s community
• **Google’s Mentor Guide**

• Prepare your project challenges and be responsive with interested students

• Communicate us any problem

• Estimated GSoC weekly workload: 2-3 hours
  – Make sure you have enough time to follow the program