

Opportunities in Open Source

Tapia Conference

Boston, MA

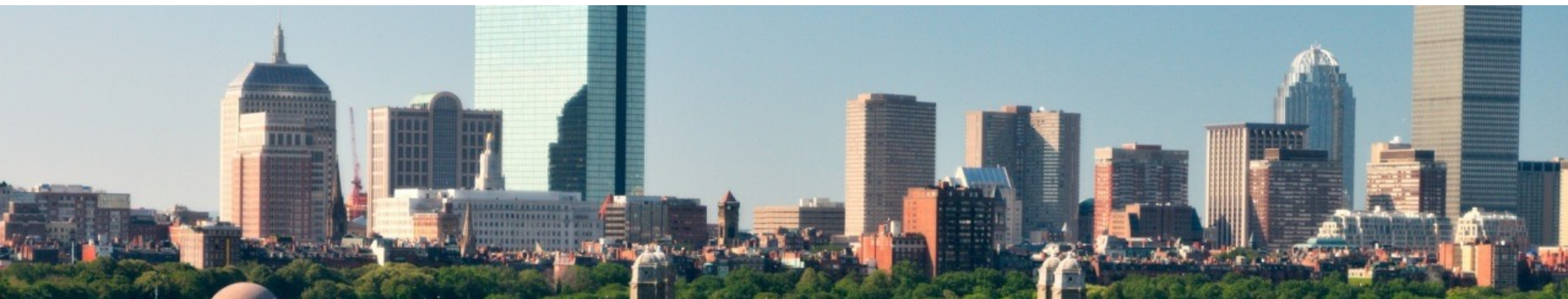
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Free and Open Source Software

- Software with freely available source code that anyone can use, study, share, and modify
- “Free Software” vs. “Open Source Software” is terminology choice
- Licenses define the rules
 - GPL – more restrictive, copyleft – changes have to be shared under the same license – used for the Linux kernel, GNOME, WordPress
 - Apache License – less restrictive – changes don't need to be shared, so code can be used in proprietary software – used for Android, Hadoop, OpenStack

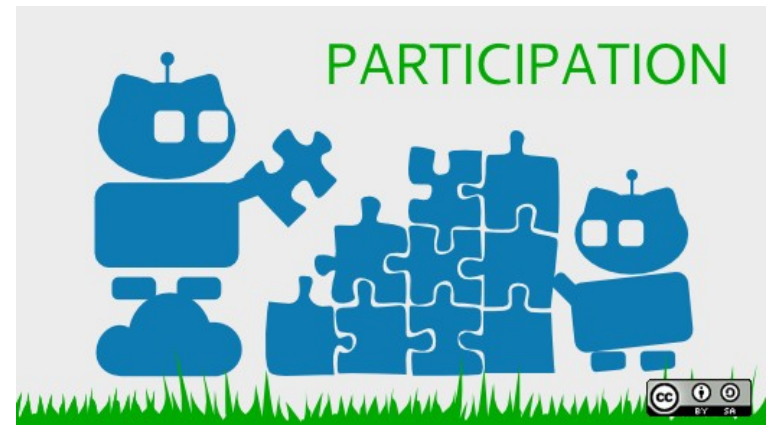
Internships

- Remote, mentored, \$5,500 stipend, possible school credit
- Google Summer of Code – <http://google-melange.com> – @gsoc
 - For students (part time or full); coding only
 - May 25 – August 22, applications due March 27
 - In 2014: 190 organizations, 1300 interns, 10% women
- Outreachy – <http://outreachy.org> – @outreachy
 - For women worldwide; coding, design, documentation, etc.
 - May 25 – August 25, applications due March 24
 - In May 2014: 16 organizations, 40 interns
 - Also has December internships
 - Opportunities with sponsors – <http://wiki.gnome.org/Outreachy/Opportunities>



How to Apply

- **Select an organization** based on the technology you are most interested in creating or skills you want to develop
- If starting early, see what organizations participated in the past
- **Select a project idea** from the organization's ideas list or propose one based on the organization's needs
- **Start making relevant contributions** with the help of an identified mentor or project team
- **Research the project** idea further and **discuss** the plans with the mentor
- **Write up your application**



OpenHatch

OpenHatch online

- Website & task aggregator:
<http://openhatch.org>
- IRC channel:
#openhatch on Freenode
- Training missions:
<http://openhatch.org/missions>
- Twitter: @openhatch

Open Source Comes to Campus



<http://campus.openhatch.org>

Check out: <http://openhatch.org/wiki/Opportunities>

Open Source Cloud Computing



- 1,433 contributors
- 4,600 summit attendees
- 150 Companies

- Cloud messaging project (Zaqar)
- Service catalog project (Glance)

Find out more at <http://openstack.org>

Robotics in Open Source



- Support and Community
- Price
- Standard



More Resources

- Find us and flyers at the DiverseScholar table
- Attend “Using Humanitarian Free and Open Source Software (HFOSS) to Attract the Underrepresented to Computer Science” at 2pm tomorrow
- Attend LibrePlanet March 21-22 in Cambridge or find a conference in your area at <https://opensource.com/resources/conferences-and-events-monthly>
- Read open source news on <https://opensource.com>
- Learn about and vote for Women in Open Source Award finalists at <http://www.redhat.com/en/about/women-in-open-source>
- Check out Software Carpentry, Ada Initiative, Geek Feminism, Trans*H4CK, Empowermentors