# **Region One Insights Webinar Series**

Hosting a Hackathon: Lessons Learned in Libraries (02/14/2023)

## **From the National Center for Biotechnology Informatics (NCBI)**

[NCBI Codeathons](https://ncbiinsights.ncbi.nlm.nih.gov/event_listing_type/ncbi-codeathon/)

[NCBI Codeathon GitHub](https://ncbi-codeathons.github.io/)

[NCBI Outreach Events](https://ncbiinsights.ncbi.nlm.nih.gov/ncbi-outreach-events/)

[Previous NCBI Codeathon Events](https://ncbiinsights.ncbi.nlm.nih.gov/event_listing_type/ncbi-codeathon/)

## **From Georgia State University (GSU)**

[2022 Hackathon at GSU: Hack 4 Good](https://socialaction.gsu.edu/hack-4-good/)

[Hack 4 Good Research LibGuide](https://research.library.gsu.edu/h4g)

[Video: Social Action Alliance’s Hack 4 Good: Short Testimonial Overview](https://vimeo.com/790898944) (3:06)

## **From Ohio State University**

[Ohio State’s Hackathon Program: OHI/O](https://hack.osu.edu/about.html)

[Ohio State’s latest 24-hr hackathon: HackOHI/O X](https://hack.osu.edu/2022/)

## **Resources for Planning a Hackathon Event**

[Hackathon planning kit](https://hackathon-planning-kit.org/)

[Hackathons: A Practical Guide](https://www.carnegieuktrust.org.uk/publications/hackathons-practical-guide/)

[Engage. Respond. Innovate. The Value of Hackathons in Public Libraries](https://www.carnegieuktrust.org.uk/publications/engage-respond-innovate-the-value-of-hackathons-in-public-libraries/)

[Example of hackathon judging](https://hack.osu.edu/2018/#judging-page)

[Problem statement: example from Hack 4 Good](https://research.library.gsu.edu/c.php?g=1270185&p=9325731)

## **Examples of Hackathon Themes**

[Vatican’s first hackathon: VHacks](https://www.wired.com/story/inside-vhacks-first-ever-vatican-hackathon/)

[Postpartum healthcare: Make the Breast Pump Not Suck](https://makethebreastpumpnotsuck.com/)

[Search in the American Society for Engineering Education repository of past conference proceedings and more hackathon theme ideas](https://peer.asee.org/?q=hackathon)

## **Research about Hackathons and Libraries**

[Hackathons and Libraries: The Evolving Landscape 2014-2020](https://doi.org/10.6017/ital.v40i4.13389)

[Fostering a Tech Culture through Campus Collaborations: A Case Study of a Hackathon and Library Partnership](https://doi.org/10.1080/0194262X.2021.1963388)

[Consider “HACKS” when designing hackathon challenges: Hook, action, collaborative knowledge sharing](https://doi.org/10.3389/feduc.2022.954044).

## **Free Computing Options**

[R Studio Cloud](https://rstudio.cloud/)

[Google Colaboratory](https://colab.research.google.com/)

[Deepnote](https://deepnote.com/)

[Galaxy](https://usegalaxy.org/)

[Jetstream2](https://jetstream-cloud.org/)

[CyVerse](https://learning.cyverse.org/)

[Open Science Data Cloud](https://www.opensciencedatacloud.org/)

To learn more about how to use programming software, the Georgia State University Library’s Research Data Services has [recorded workshops on R, Python, and more!](https://research.library.gsu.edu/dataservices/rds-workshops-recordings)