




Open Source Workshop

William & Mary ACM

2/20/2025





Agenda

01

Announcements

02

**Intro to Git and Open
Source Projects**



03

**Open Source Group
Activity**



&Hacks

Committee chair applications are open!

Due March 1st!!!

- Sponsorship Committee
- Finance Committee
- Marketing Committee
- Outreach Committee
- Technical Committee
- Logistics Committee



HooHacks!

Hackathon (n.) An event where people come together to make cool things fast, or just to learn!

We work to organize transportation and teams to build projects together!

Register for HooHacks today!
DEADLINE IS TOMORROW!!!!!!!!!!!!!!

March 29th-30th

<https://www.hoo hacks.io/>





Social Activities

Thanks for coming to ACM Basketball!

More social events to come in they near future!



Roots and Nodes

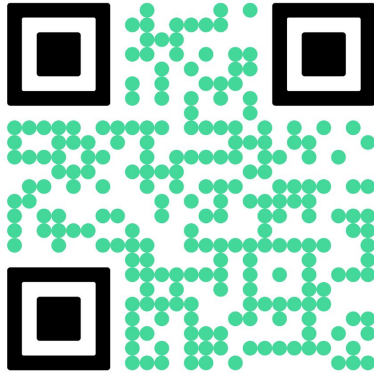
(Bigs and Littles)

Bigs and Littles in a ACM is an awesome way to meet people, get advice, and feel more connected.

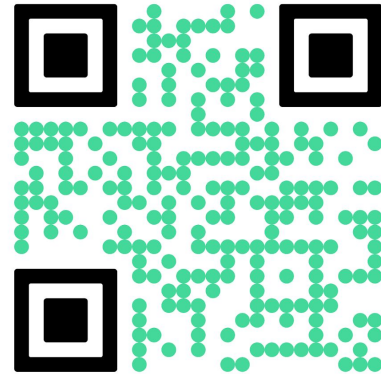


Socials

Join our Groupme!



Follow us on Instagram!



Dues

For \$15, get access to:

- ACM Alumni Network
- ACM Dues-only member group chat and social events
- ACM T-shirt
- Other cool stuff

Talk to Lorenzo if you are interested!



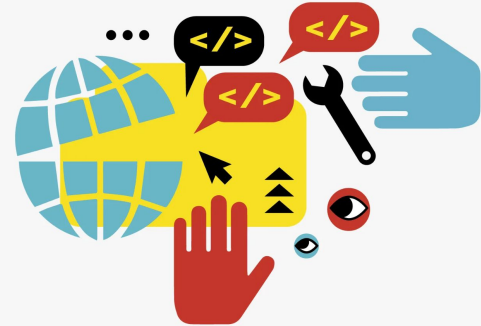
Mid-Semester Survey

Please fill out this survey and let us know what you want to see at meetings!



Open Source Workshop

Brief introduction followed by a group activity!



What is Open Source?

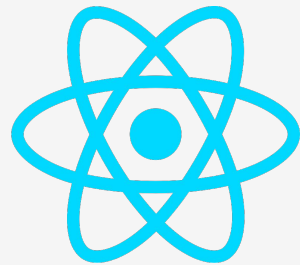
- Open Source means a program's source code is freely available to the public
- Anyone can work on building new features for the program, because they can see exactly how it works and make changes
- Typically non-profit community projects where people work together to improve a program



Open Source Examples



GODOT
Game engine



React

<https://github.com/facebook/react>

Finding Open Source Projects

- Google search for a topic you are interested in
- <https://github.com/explore>
- <https://github.com/MunGell/awesome-for-beginners>
- <https://up-for-grabs.net/#/filters?tags=>



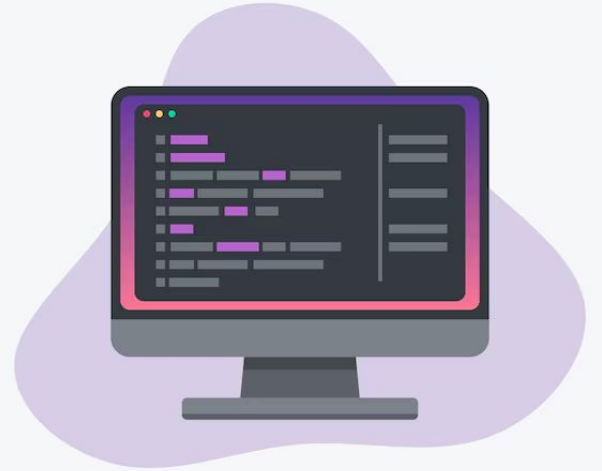
Why Contribute?

- Learn new skills! Contributing is very different from small personal projects as you work on real world, large-scale code bases, which is very similar to actual software development jobs
- Boosts your resume, and can lead to job prospects and industry connections
- Honestly just a nice thing to do, and people will respect you



How to Contribute?

1. Find a repository to contribute to
2. Fork the repository (copy it to your account)
3. Clone your new repository so you can work on it
4. Find an issue/feature to work on
5. Create a new branch and make your changes
6. Create a pull request with your changes and hope it gets approved!



Group Challenge!

- Split into into groups of 3-4
- Find a public GitHub repository and fork it (don't worry about creating branches and pull requests)
- Contribute to the repository by changing the README or any other files you wish (make it evil)
- After 10 minutes or so, each group will briefly present what repository they forked and their changes
- The best/most unique changes will win and earn Bisi Bucks!



Tips!

- <https://github.com/explore>
- <https://github.com/MunGell/awesome-for-beginners>
- <https://up-for-grabs.net/#/filters?tags=>
- Look into markdown: Google "github markdown tutorial"
- If you are having any trouble with GitHub let one of the Exec members know!





Presentation Time!



Thanks for coming!

(Feel free to stay if you have any questions)

Next meeting:

Thursday, March 6th, 7pm in ISC 2280

