Social programming

Programming good research code good

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Lesson 5

Maybe the real good code is the friends we made along the way $% \left\{ 1\right\} =\left\{ 1$

Lesson 5

Work with better people than you

Reality check

- People think that programming is a solitary activity
- Reality: at a place like Google, programming is very social
 - readability
 - code reviews
 - design reviews
 - pair programming
 - reading groups
 - retreats
 - performance reviews

Practical tips

- Open an issue in an open source project
- ▶ Open a PR in an open source project
- ▶ Set up pair programming with people in your lab
- ► Set up a review circle

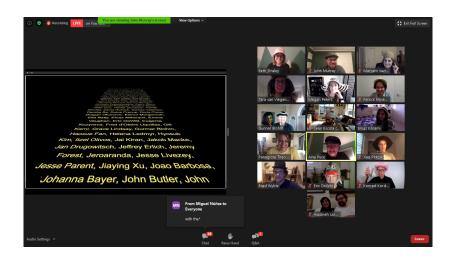
It doesn't have to be lonely

- Maybe you're the best coder in your lab so you don't have opportunities for growth
- Contribute to open source projects
 - ▶ NMA & NMC are always happy to have more people!
- ▶ Join a community or hackerspace
 - BrainHack.org
 - Meetup
 - Hackerspaces
 - PyLadies

Take on hard projects with awesome people to grow your skills

- Great zine about how to become a wizard from Julia Evans
- Zine link

You can accomplish anything!



Lesson 5

- Work with better people than you
- It's a bit of a stretch to make this work with the theme of WM & LTM
 - ► The most important point: grow with people
- ► Your 5-minute exercise: schedule one pair-programming session