How to enter Open Source and thrive in it

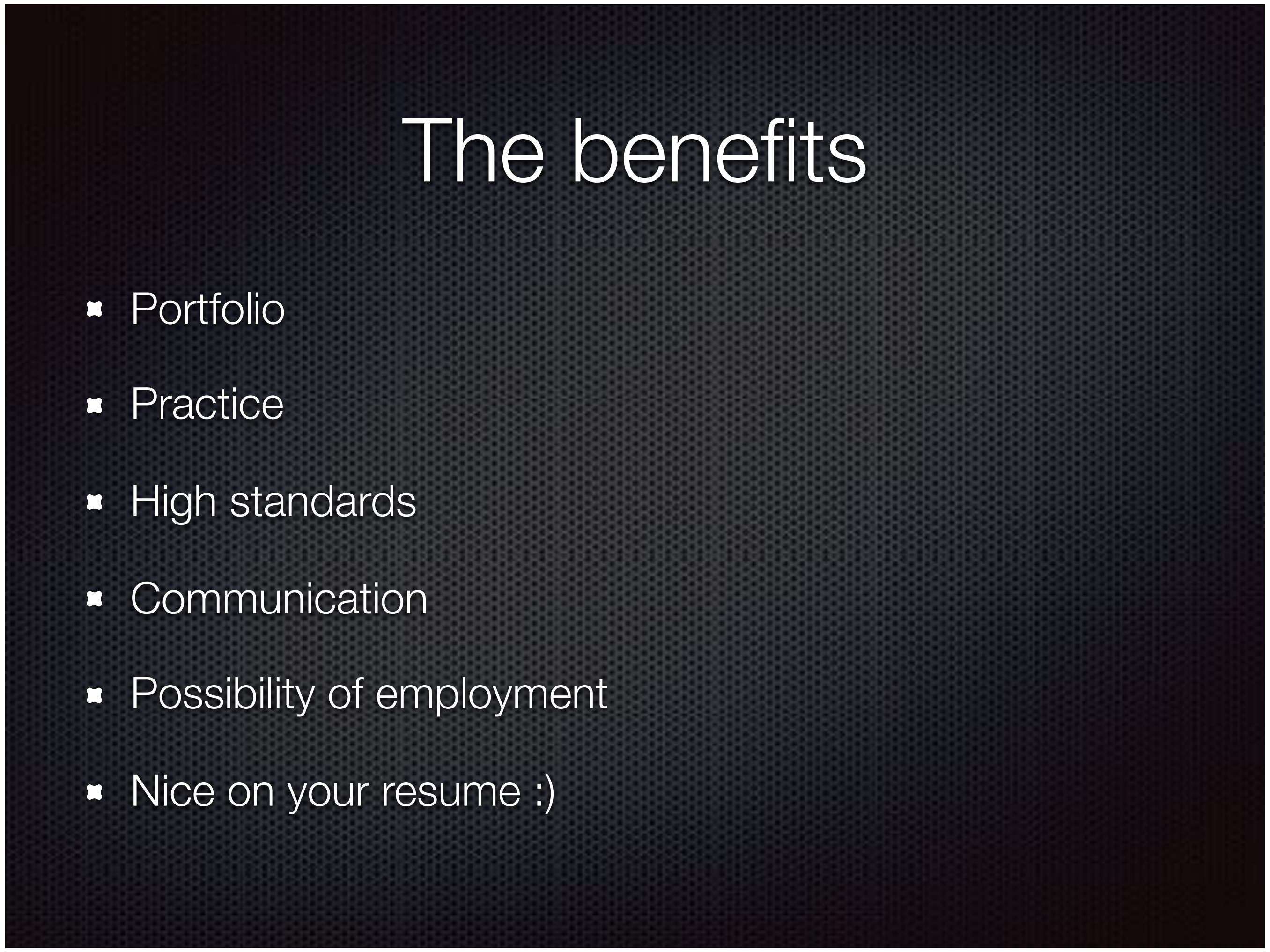
Irene Storozhko

Irene

- 🎹 Former translator and musician
- 🦊 Software engineer at moz://a
- 💙 Outreachy alum
- 💛 Mozilla TechSpeaker
- 🎨 Amateur water-colour artist

Master-plan:

- Benefits of contributing to open source
- Who can contribute?
- How to find a project?
- Good practices
- Internships
- How to open source a project?



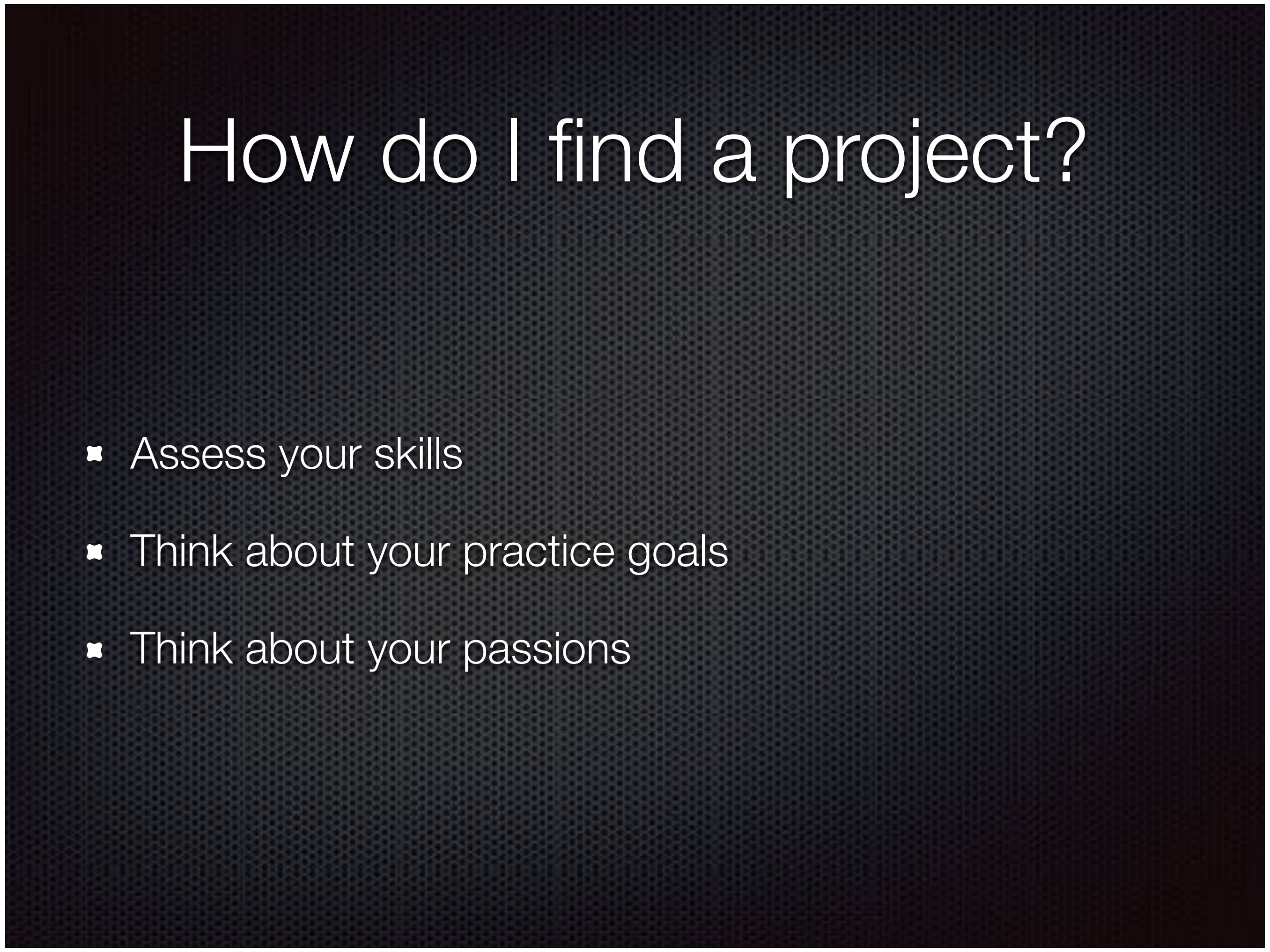
The benefits

- Portfolio
- Practice
- High standards
- Communication
- Possibility of employment
- Nice on your resume :)

1. If people want to see your code, you can simply link them to your open source contributions
2. Getting good at programming requires practice; also, you can practice things you don’t get to practice at work
3. Your code has to be well-formatted, well-documented, have tests, and work well
4. Open source teams are distributed - it’s a chance to become a better communicator in the face of adversity (distance)
5. It’s possible to get hired by the open source company (but don’t get your hopes to much up either)
6. Self-explanatory :)

Who can contribute?

- Advocates
- User support specialists
- Designers (graphics, UX/UI etc.)
- Programmers
- Software testers
- Translators



How do I find a project?

- Assess your skills
- Think about your practice goals
- Think about your passions

1. What skills do you have? Most importantly, what programming languages do you know?
2. Which of the above you would like to practice?
3. Are you interested in security? Machine learning? Browsers? Compilers? etc.

How do I find a project?

- Number of users
- Newcomer-friendly
  - “Good first bugs”
  - Participation guidelines
  - README for newcomers

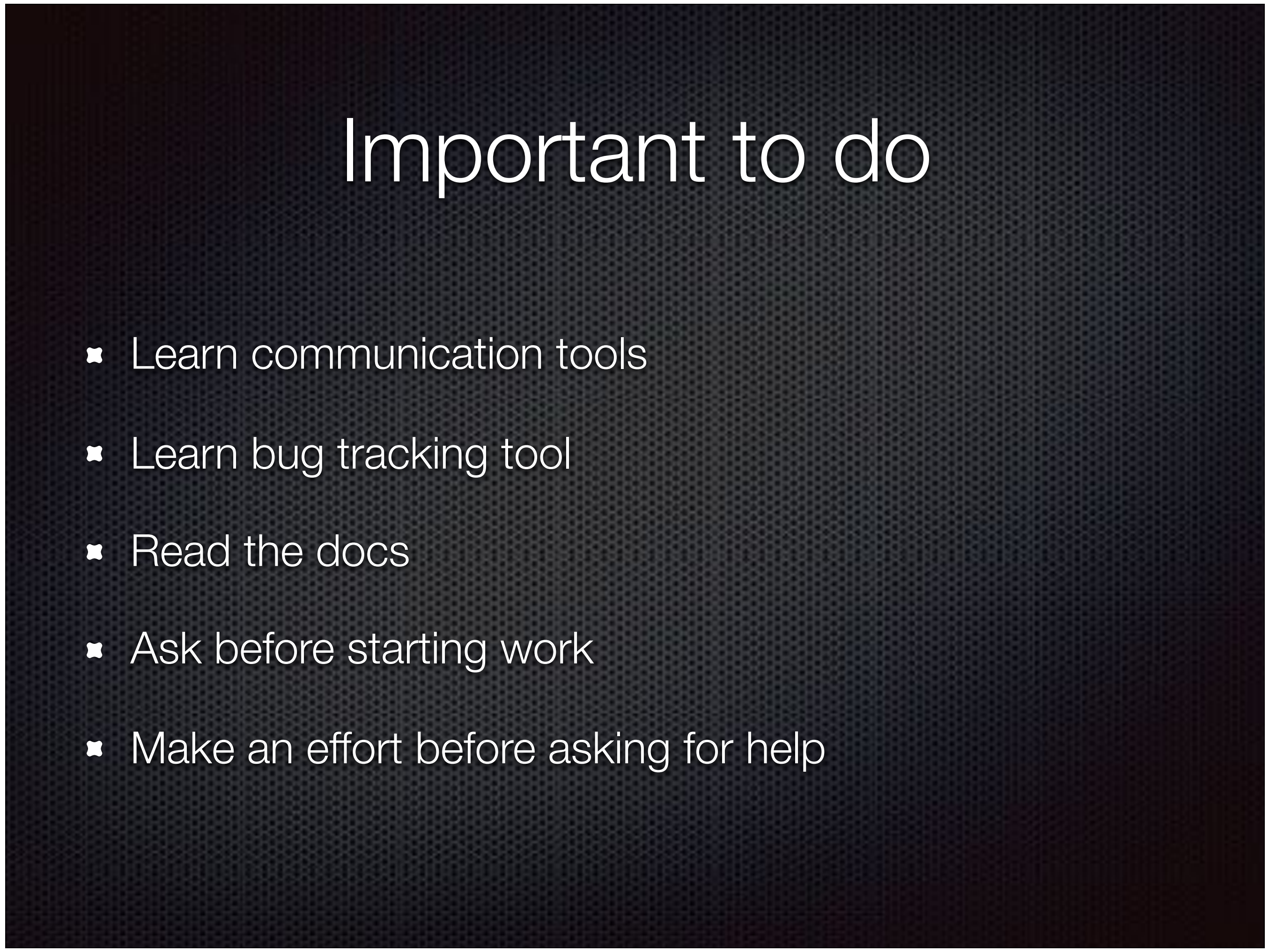
https://github.com/MunGell/awesome-for-beginners

What do I need?

- Editor / IDE (your choice)
- Read the project’s documentation for the rest!

Important to know

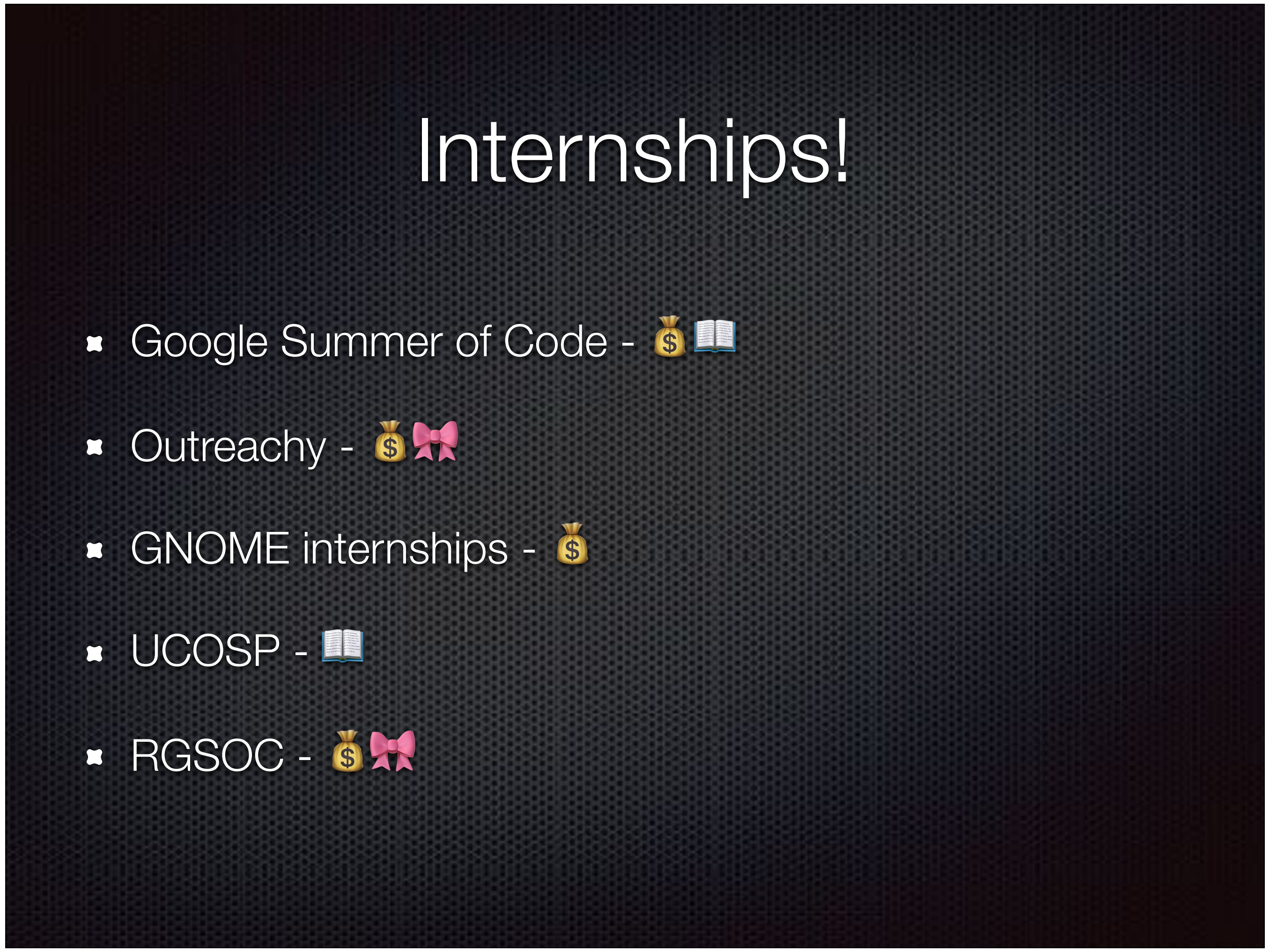
- Version control system
- Operating system
- Programming language



Important to do

- Learn communication tools
- Learn bug tracking tool
- Read the docs
- Ask before starting work
- Make an effort before asking for help

https://jvns.ca/blog/good-questions/ How to ask good questions

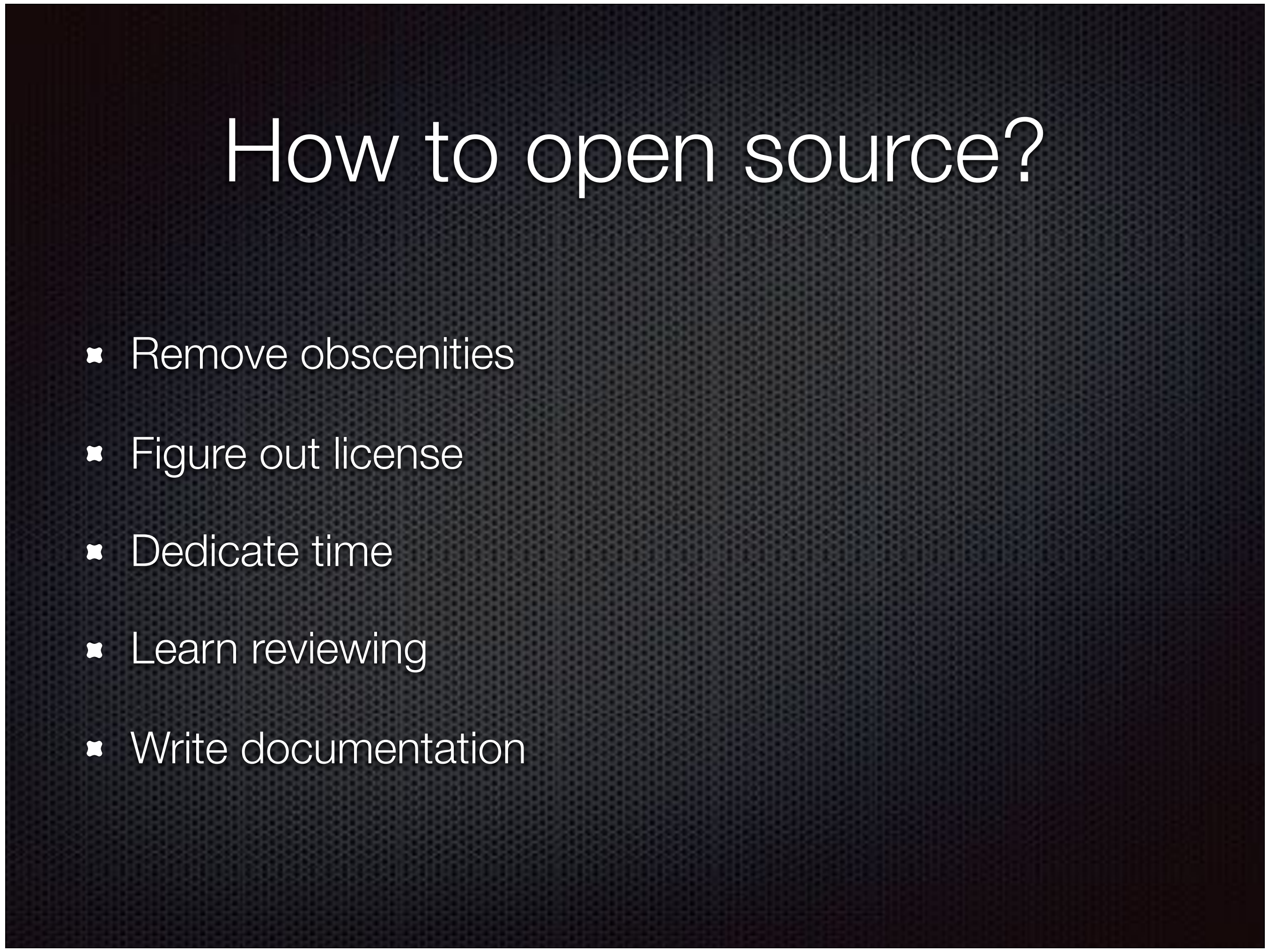


Internships!

- Google Summer of Code - 💰📖
- Outreachy - 💰🎀
- GNOME internships - 💰
- UCOSP - 📖
- RGSOC - 💰🎀

https://summerofcode.withgoogle.com/
https://www.outreachy.org/
https://wiki.gnome.org/Internships
http://ucosp.ca/
https://railsgirlssummerofcode.org/

To google: “FOSS internships”



How to open source?

- Remove obscenities
- Figure out license
- Dedicate time
- Learn reviewing
- Write documentation

1. No f-words, no risky or politically incorrect words or phrases neither in the code, nor in documentation
2. https://choosealicense.com/ , https://opensource.org/licenses
3. Self-explanatory. Also, it might be a good idea to set expectations and say in the README how long it would take you to review a PR
4. https://mtlynch.io/human-code-reviews-1/
5. In the README, tell people how to set up the dev env, and where to start if they want to contribute

Thank you!