launch code

- Liftoff
- Class 6
- Jan 5, 2022

Agenda

- Open Source
- Software Licensing
- github best practices
- README

Housekeeping

• Live Coding

Before class, join the #careermodules Slack channel (should already be there from past event).

Join the main lecture Zoom room like normal at 5:30 pm. Class will roll as normal - main lecture and then meet with mentor groups for second half.

From 6:00 - 8:30 pm, keep an eye on Slack! You'll be tagged by a volunteer in the #careermodules channel to connect with them.

When tagged, join the Zoom room in the #careermodules description, and I'll direct you to the breakout room with the volunteer.

You'll spend no more than 20 minutes with the volunteer while they conduct a mock live coding with you. They'll provide live feedback, and you can take notes on what to adjust based on their suggestions.

Software Licensing

- Intellectual Property (IP)
  — Everything you create belongs to you
  — This includes your code
- Employers will require you to give this up
  — This may apply without agreement
- Also means you cannot copy/paste all code
  — Legal risks
  — Security risks

Software Licensing

- No license == no sharing
- Open source licensing
  — Grants permission
  — Protects your rights
  — Different options available
  — Most common
  — MIT
  — Apache
  — GNU GPL

Software Licensing

- **MIT License**
  - Grants permission to do whatever
  - Protects you from liability
- **Apache License**
  - Same rights granted as MIT
  - Prevents anyone from claiming patent
  - patent can be on the work done on top
- **GNU GPLv3**
  - Grants permission with requirements
  - Must share any derived code

Software Licensing

- Other (possibly non-binding) licenses
  — WTFPL
  — 996.ICU

- Use choosealicense.com
- Add license to your Github
  —LICENSE.txt

Free Open Source Software

- Free software you can help build
  - Many companies contribute
  - Great way to learn
  - and build resume
  - Allows you to give back
- www.firsttimersonly.com

github do's and don't-s

DO

- Participate in Open-Source Projects
- Frequently Commit when working
- Write good project descriptions
- Write good comments on code
- Fork projects you are interested in working on.

DON'T

- Participate in Open-Source Projects that have potential illegal implications
- Participate in stealing code
- Forget to credit authors in borrowed code or API's

Digital Footprint

- Google the following prior to the Apprenticeship Program
  - Your email address
  - The name on your resume
  - your email address username
  - Check Image search on your name. Locking down facebook-> Settings->Privacy Checkup https://www.facebook.com/privacy/checkup source=settings_and_privacy

README

https://docs.github.com/en/repositories/managing-your-repositorys-settings-and-features/customizing-your-repository/about-readmes

https://www.freecodecamp.org/news/how-to-write-a-good-readme-file/

Q & A

Group Activity

- Stand up
- Project work