Login:

User: [jamisonm@princeton.edu](mailto:jamisonm@princeton.edu)

Pass: TigerEats333!

Info: Free web app hosting, easily linked to github by logging in/installing their proprietary github tool.

MLab plug-in for Heroku gives you a mongo database to play with or Atlas

Will need a configuration script – package.json, in npm start command, ask it to build client and start server.

<https://blog.heroku.com/deploying-react-with-zero-configuration>

How-To article that I (Jamie) used to get Heroku working: <https://medium.com/@nadayar/heroku-fu-multiple-servers-on-one-dyno-6fc68d57b373>

Heroku:

Buildpacks - linking python with react so that it the application can be created into a "slug/dyno"

Flask server can't go straight to heroku - needs something like WSGI, gunicorn

Process of getting it hosted: Get React side up, then Flask server?

Role of buildpacks

WSGI

gunicorn

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Running things and developing on Heroku

* Download Heroku CLI from the website (or use brew) -- either way, just google “Heroku CLI”
* <https://devcenter.heroku.com/articles/git?fbclid=IwAR0i5zQuKVRzqF86j82g2WgBBVxO8VrjvsNk4Wp8pz3_XQmbwjcy4yVPD0U#tracking-your-app-in-git>
  + Run `heroku git:remote -a tigereats`
  + Now you have heroku as a remote branch
* Development cycle
  + Work on your branch
  + Push/merge to master as usual
  + Go to `tigereatscos333` folder (not a subfolder)
  + Run `git push heroku master` -- pushes local master (which should be remote master if you have merged everything, as you should) up to heroku
    - This takes a while!