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Summary

That was a blast, thanks so much for the trial, I had a great time.
In the middle of day 2 I decided to bite the bullet

Configs Required Prior To Successful LocalHost

```
-----Django-----  
Django Verion 3.0.3  
check your Django Version via  
$ python3 -m django --version  
or  
$ python -m django --version  
  
-----Python-----  
Python Version 3.7.0  
check your Python version via  
$ python --version  
  
-----Database-----  
Default Database Ran: sqlite3  
I ended the attempt to configure postgresql after 4 hours trying.  
  
-----Bootstrap-----  
I really like styling myself [re: bikeshedding]  
but for speed bootstrap is as fast as Clightning.  
  
-----django-crispy-forms-----  
pip <or pip3> install django-crispy-forms
```

Steps to localhost

1. ensure current cwd is the same as below
2. cmd: \$ python <or python3> manage.py runserver

~/.../v2_final/project/crypto_project/ \$ python <or python3> manage.py runserver

Initial Thoughts

- I spent the last week on React, but I only made 'pure react apps' which was probably a mistake, because I'm not confident yet in embedding react in various parts of a project.
 - this is fine: the project is a focus on back-end, so focus there.
- I have never used django, but I love python
 - never used postgres - i imagine it's similar to rails' Active Record
 - a model is a model is a model?

Project Log

Hour 3 - 6pm

- Still dealing with esoteric build failure messages

Hour 4 - 8pm

- scrapping postgresql, using default sqlite3.
 - [django crashcourse](#) & [setup](#)

Hour 5 - 9pm

- bailing on postgresql for default sqlite3. Sorry bstream - 5 hours config is enough, cut your losses!

Hour 6 - 9pm

- ok so django is a lot like rails, except the controller.

Hour 7 - 10pm

- added css via static files.
 - load static doesnt seem necessary
- working on edit functionality.

Hour 8 - 11pm

- entries to categories is a many-to-many relationship
 - edit: the take home assignment literally says this. oh well, verified.
 - [django docs m-2-m](#)

Hour 9 - 12midnight

- quick nap

Hour 10 - 1am

- TIL 'django' means 'i awake' in romany. me != django

Hour 19 - 10am

- spent ~50min finding why my styles werent loading -> hardload the cache.
 - i guess static files are cached for longer duration than other files?
 - this would explain why html was re-showing

Hour 21 - 12noon

- re-reading the assignment instructions
 - was a single-page app the right call? starting to doubt it.
 - it's frequent when i focus on a technology i want to apply it everywhere, guilty of [fast thinking](#) - in this since I've been playing with react a lot I wanted to see if I could work on a single-page app...kind of dumb in hindsight.

Hour 24 - 3:00pm

- [Scrapping V1, Starting V2 with what I've learnt.](#)
- im scrapping my work and starting a new non- SPA version.
 - class based models.
 - bootstrap (wasted way too much time fiddling with styles)

Hour 28 - 7pm

- I've gone without admin access for too long, i'm starting to need it.
 - Can't overcome due to django v3+ python3.7- [admin bug](#)

Hour 29 - 8pm

- if I didn't have w10, ubuntu, and osx, i'd have been a goner!
- crispy forms to the rescue!
- reading more about post and delete idempotency. we'll see if i can make the transfer.

Hour 30 - 9pm

- Having a hard time deciding on view scope -> lots of logic in a single function or several smaller functions?
 - smaller...easier to manage urls

Hour 33 - 12midnight

- Why am I procrastinating.

Hour 43 - 10am

- **To-Do:**
 - Fix problem: can't populate categories without admin database access
 - keep working on m2m (go over docs again)
 - document & clean the code
 - clean the m2m parts that aren't working (url - view def, models, template structure so that it at least shows I tried.

Hour 44 - 11am

- cleaning code. making this document prettier

Hour 45 - 12noon

- i'll learn the m2m after, i don't want to risk submitting something that doesn't work
 - back to cleaning code.
 - make semi-functional category buttons
 - add drag to move list?
 - i don't want iota to be the first entry. c'mon.
- cookiecutter-django looks interesting.

Hour 46 - 1pm

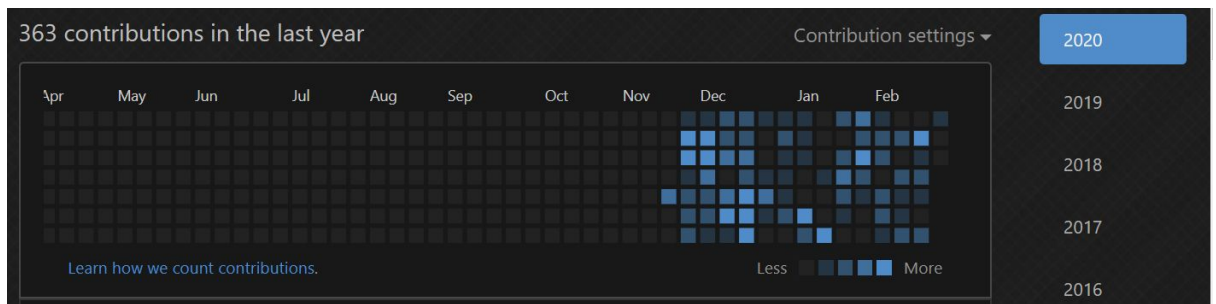
- successful build on a fresh linux boot
- pushing to github

Closing Thoughts

- I think considering my relative inexperience that went pretty well, it was fun. like a less social hackathon.

Mini-Pitch

- I signed up for github in 2013, made my first contribution in 2018, coded for about a month in 2018, switched my focus to becoming fluent in french, and have since come back and made momentous breakthroughs in late 2019/2020. I say this because I am a very fast learner. All I need is a chance.



- Rachel already knows how proud I would be to work for blockstream, and how willing I am to go the extra mile for what may just be my favorite company on earth. So if my assignment is a bit wanting, just know that I am learning at such a pace that I can all but guarantee no other applicants are. Of course if another applicant is so far ahead of me that you don't think I could catch up, I don't have much of an argument to stand on.

Web Development Skills

