

Project

Hard Drive Hound

What was the project assignment?

This was a personal project I undertook over summer break 2017. I was building a Plex Media server and recognized that I was quickly running out of HD space, so I built a small web crawler that could search Microcenter's web page for any good deals on hard drives. I even built a back end to store the data ripped from the site and perform GB per dollar calculations.

What did you learn from the project?

This was the first time I tried to implement a MongoDB back-end. While it wasn't my first attempt this was the first time I was able to perform anything useful using the BeautifulSoup Python html parsing library. In addition to the previously mention I also learned how to get this bot to send email alerts if any good deals were found.

What would you do differently next time?

Plan the architecture out. Use more appropriate naming conventions. I tried to get cute and use dog related terms like, `def sniffing:` as a method for calculating the GB per dollar values. Over time I would forget exactly what that method did.