**Django**

Django is the so-called [“web framework for perfectionists with deadlines.”](https://www.djangoproject.com)  The software is written in Python and is available free and open source. Adrian Holovaty, an American web developer and journalist, and Simon Wilson, a British programmer, designed Django to simplify and speed up website design without forgoing security or advanced features like file uploading and commenting. “It takes care of much of the hassle of Web development, so you can focus on writing your app without needing to reinvent the wheel,” [according to the project’s site](https://www.djangoproject.com).

This seems like it could come in handy for relatively beginner coders who are interested in creating a versatile app or website, but don’t want to get bogged down in code and web design. Django [has been used](https://www.netguru.com/blog/top-10-django-apps-and-why-companies-are-betting-on-this-framework) by major social media platforms, such as Instagram and YouTube, as well as the Washington Post.

**Polymaps**

Polymaps [bills itself](http://polymaps.org) as “a free Javascript library for making dynamic, interactive maps in modern web browsers.” [You know, these types of maps](https://www.nytimes.com/interactive/2019/08/02/us/politics/2020-democratic-fundraising.html). The sleekly designed ones increasingly showing up on the sites of major media outlets like the *New York Times* and CBC. Polymaps offers a wide range of style and design options and can process wildly different scales, from individual streets to entire countries. This appears fairly accessible and seems wildly valuable, especially considering its cost. The software was developed by SimpleGeo and Stamen.

**Google News Scraper**

Google News Scraper is a [“free, web-based tool for batch querying news.google.com"](http://tapor.ca/tools/458) developed by Digital Methods Initiative. This wildly useful web scraper allows users to parse through vast quantities of online news using specific search terms, news sources, date ranges, locations, languages, and other filters. Google News Scraper would be very valuable to any reporter or outlet for several different reasons, including to closely follow how a person or topic is being covered in the news or assess certain coverage from the past or from a certain region.