

Projects

- MALDI-DB - 2020-21 (Django, PostgreSQL, R, Docker, Nginx, RPlumber). Github: (<https://github.com/idbac/malddb>). Didn't end up going to production. Some of the development screenshots are here: (<https://github.com/idbac/malddb/tree/master/mdb/media>).
- FDIC quarterly financial data app - 2023 (Flask, DataTables.js, FDIC Banks API). Data is cached once each financial quarter. Online: (<http://dls.pythonanywhere.com/>). The main files for the program are attached here (zip).
- Chicago Public Schools recruiting app - 2018 (D3.js, Leaflet, Chicago Public Schools static dataset). This was a team project, but I ended up working on a lot of the functionality, including completing 3 of 5 visualizations and the search functionality, as well as tying the final program together into a single-page app with linked views. Code: (<https://github.com/davidshumway/CPS>). Online: (<https://dshumw2.people.uic.edu/cs594/CPS/>).