Progress Report (As of Nov 29th)

Current Progress:

Backend: We have finished writing up scripts to extract phone numbers and research interests all experts and dumped the result into files. Later we ran the script to recreate the new data file (metadata.dat) to include phone numbers and research interests for the frontend to display.

Frontend: Refactored code for existing project to modularize some of the components for reusing. Integrate the phone number and research interests in expert preview cards.

Remaining Tasks

1. Build recommendation system based on users' search history. Need to look into how to use cookies to store search info and recommend related experts using BM25.
2. Look into improving name recognition to reduce empty names in search results.
3. Look into improving email recognition to reduce empty email information.

Challenges

The biggest challenge with this project is getting familiar with the existing code base and iterating based on that. Also when extracting research interests for experts, some unrelated information like school names, locations may interfere with the results.