

WFH-Relocator

Elevator Pitch

Concept

Description - WFH-Relocator helps work-from-home employees find their ideal city by comparing broadband and cost-of-living data.

Motivation - During the pandemic, many employers were forced to make work-from-home viable for their companies. As companies look to life after the pandemic, many are choosing to allow their employees to continue to work-from-home. Some of those employees are choosing to relocate to more affordable locations or closer to their families. WFH-Relocator simplifies this search.

User Story - Given I want to relocate because I can work-from-home, I can search a city's broadband and cost-of-living data, and compare it to the average.

Process

Technologies Used - React, Bootstrap, Express, Mongoose, MongoDB Atlas, Heroku, Recharts, Axios

Daniel - Broadband data collection, Search functionality within React components, routing and database functions

Rachel - React components, Cost-of-living data collection, Mongoose setup, Heroku deployment, Recharts

Challenges and Successes

- Finding an API
 - Previously existing government resources no longer available due to defunding.
 - Made our own database for the MVP instead.
 - Spent a lot of our time searching + trying to use APIs that didn't make it into production.
- Applying previously learned principles to MERN structure.
- Adapting to new tech such as ReCharts.
- One of our team members didn't remain in the class for the duration of development.

Demo

Future Development

- User accounts
 - Save locations you're interested in and compare side by side with charts
- Add map to UI
- Improved database (or connect to external API should a viable one become available)
- Search based on stats instead of location name
- Search based on distance from current location

Links

- Github: <https://github.com/rachelamos/WFH-relocator>
- Heroku: <https://ancient-hollows-66162.herokuapp.com/>