**Project**: Alumni-Geomap Rshiny App

**Purpose**: To develop an RShiny app for CCHMC Alumni to use the map to find Cincinnati Children’s Alumni around the globe. Users may search by name, specialty, metropolitan area, and location. This application allows users to reconnect with friends, and colleagues, and make new connections. This application was finished already and only needs to be updated when the Alumni Relations Staff request.

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**Brief description**

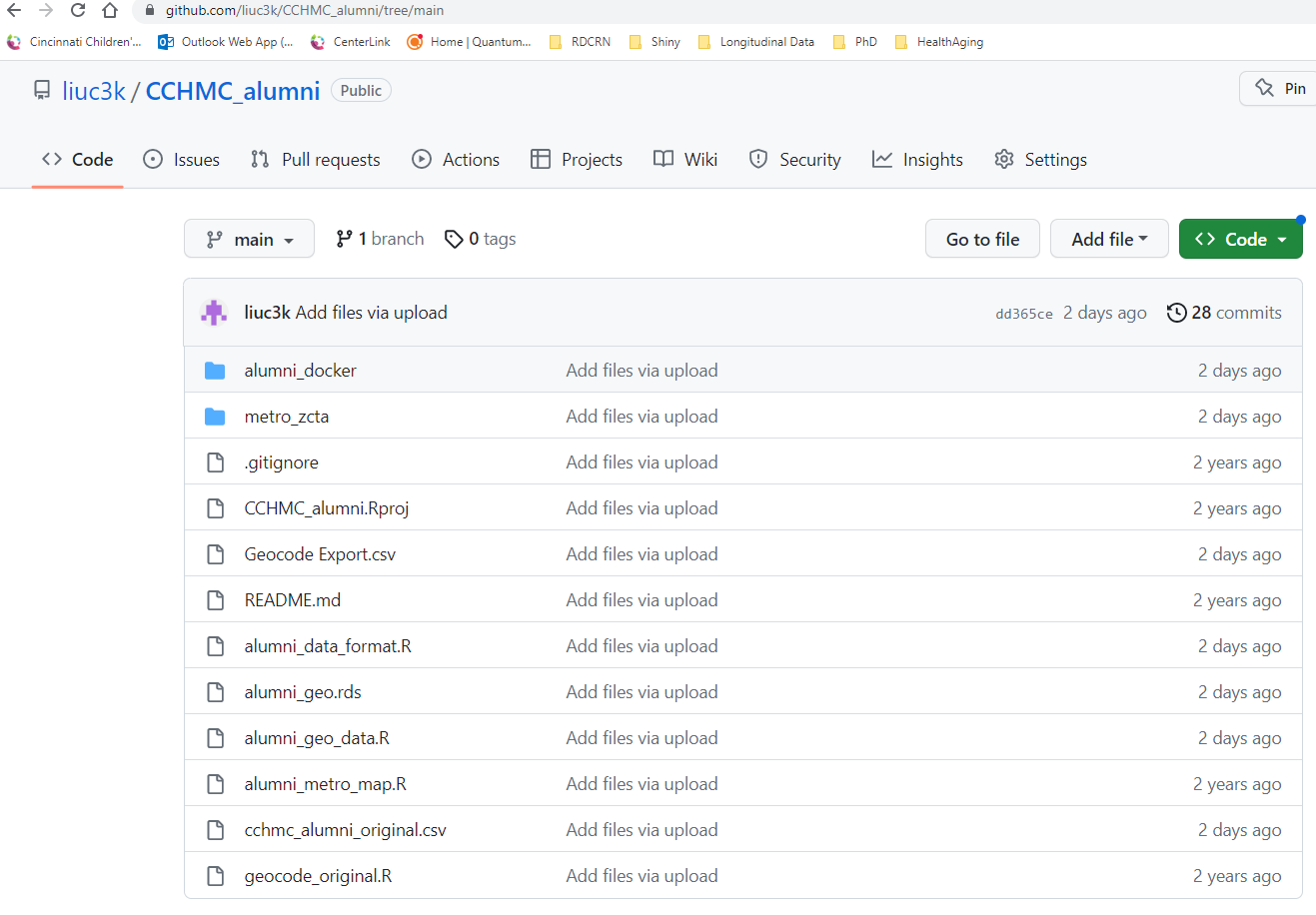
**Input**

* Geocode Export.csv obtained from Betsy.

**Output**

* https://alumni.cincinnatichildrens.org/alumni-geomap

**Detailed description**

Program: <https://github.com/liuc3k/CCHMC_alumni>

RShiny account: <https://www.shinyapps.io/admin/#/login?redirect=%2Fdashboard>

* Username: alumni@cchmc.org
* Password: AlumniCcHmC1883!

**R Program**

* Program to create two spatial dataset in rds file (zcta\_centroid.rds, US\_metro\_areas.rds): metro\_zcta/alumni\_spatial.R
* Program to generate required format for alumni dataset: alumni\_data\_format.R
* Program to geocode alumni addresses: alumni\_geo\_data.R
* Program to generate interactive map: alumni\_docker/ CCHMC\_Alumni.R

**Deployment:**

* **Please follow the instruction from the** [**official website**](https://www.shinyapps.io/?_gl=1*q6zhen*_ga*MzYxNTM4MzU3LjE2ODA1MjM4Mjc.*_ga_8QJS108GF1*MTY4Mzc0MjQ4My41LjAuMTY4Mzc0MjQ4My4wLjAuMA..*_ga_2C0WZ1JHG0*MTY4Mzc0MjQ4My41LjAuMTY4Mzc0MjQ4My4wLjAuMA..)**.**