# Caitlin Crawford

Software Developer | Chattanooga, TN | (314) 681-2701

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I am an aspiring Software Developer, with a technical and analytical aptitude, eager to start finding solutions to problems, both big and small. I bring years of experience as an urban planning professional, with skills in GIS analysis, research, and report writing. I have an educational background in mathematics and urban design which puts me in a position to bring a unique perspective to a development team.

## Software Development Skills

- JavaScript, Node.js, Git, React, Redux, Next, Express, REST, PostgreSQL, Sequelize, Bootstrap, HTML, CSS, Python (for GIS Queries)

## Other Skills

- ArcGIS, QGIS, Adobe Suite, Report Writing, Data Collection, Research, AICP Certification (Certified Planner)

## Software Development Portfolio

**Beer Is Near** | http://isbeernear.com | github.com/is-beer-near                                          Dec 2020
- A solo React/Redux full stack project where users can search for non alcoholic craft beers and add them to their favorite, need to try, or nasty lists. The site is based on a quote from my dad and was built as a tool for him to find new and tasty beers.
- Collected data on available craft non alcoholic beers and breweries and stored in a database backed by Postgres. Used React to build the front-end portion of the app and Redux to store all beers from the database. When a user adds a beer to a list, it invokes a change to both the Redux beer store as well as the database allowing seamless updating.
- Built with JavaScript, React, Redux, Node.js, Express.js, Sequelize.js, PostgreSQL, and CSS.

**Pandemic Patios** | http://pandemic-patios.com | github.com/pandemicpatios                                Nov 2020
- Member of a 4-person development team who built a COVID-era app that allows users to search for and review safe outdoor dining spaces in their area. Once logged in, users can add a new patio and review an existing patio. When not logged in, users can see average reviews of existing patios by City.
- Integrated Google Maps functionality with restaurant data backed by Postgres. Added autocomplete functionality to two separate searches, added Google Authentication with Passport.js, showed averages of all reviews for a given restaurant, and created constraints for adding restaurants to the database. Touched both the front-end and back-end side of the project.
- Built with JavaScript, Node.js, Passport.js, Express.js, Sequelize.js, PostgreSQL, HTML, CSS, Google Maps Javascript API, Google Places API, The Covid Tracking Project Data API.

**PetPals** | https://petpalsinc.surge.sh/ | github.com/petpals                                             Sept 2020
- Member of a 4-person development team who built a "pet adoption meets tinder" website where users can swipe left or right on available pets and then link to the pet's PetFinder adoption listing.
- Connected the project to the PetFinder API using JavaScript and jQuery. Tasked with updating numerous UI experiences with the site like adding the swipe and drop functionality, adding user prompts, and styling with CSS and Bootstrap.
- Built with HTML, CSS, JavaScript, jQuery, jQueryUI, Bootstrap, and PetFinder API.

## Professional Work Experience

**CHCRPA | Planning Analyst | Chattanooga, TN**                                                    Aug 2019 – Present
- Lead researcher and author of two extensive reports: Phase I of A Fiscal Impact Analysis for Hamilton County, TN and A Review of Housing and Job Market Trends in Hamilton County, TN.
- Creator of Interactive Development Trends (building permits, zoning cases, and subdivisions) Dashboards for Hamilton County, TN. Technology used: ArcGIS Dashboards.
- Gained skills in ArcGIS, Adobe Suite, Google Suite, and Microsoft Office.

Additional details on prior work experience available upon request.

## Education

- DigitalCrafts | Certificate in Full Stack Software Development | Remote                          June 2020 – Jan 2021
- The University of Georgia | Masters in Environmental Planning & Design | Athens, GA             June 2016 – Aug 2018
- Berry College | B.S. in Mathematics, Minor in Business | Rome, GA                              Aug 2013 – May 2015