

Clayton M. Locher

claytonlocher.com • claytonlocher@gmail.com • (618) 567-3057

- Technical Skills** **JavaScript** - Angular, Ember, Node.js, Express, AJAX, jQuery, Gulp
HTML/CSS - Sass, Bootstrap, Responsive Design, Jade/Pug, Handlebars
Other - Git, Linux, Firebase, Python (Flask, Pandas, Numpy), R, ArcGIS
- Projects**
- Heartland Cooking & Living** *January 2016 - Present*
- Developing a custom content management application using Ember and Firebase
 - Designing and developing a responsive, user-friendly culinary and lifestyle website
 - Optimizing data and design assets for fast database operations and page loads
 - Maintaining a scalable codebase and smooth development workflow using best practices with tools like Sass, Git, Gulp, npm, and Ember-CLI
- Geography Research Web Map** *Spring 2016*
- Partnered with a fellow student to develop an interactive web mapping application
 - Utilized Node.js, Express, and MongoDB to build and consume a RESTful API using MVC architecture
 - Built a responsive front-end interface using AngularJS, Sass, and Leaflet
- Education**
- University of Illinois at Urbana-Champaign** *May 2016*
Bachelor of Arts in Economics *Major GPA: 3.71/4.00*
Minor in Geographic Information Science (GIS)
- Experience**
- Co-Founder, Chief Technology Officer** *July 2015 - Present*
Project Hart, education non-profit organization *Champaign, IL*
- Leading over a dozen cross-functional team members to drive donations and donor engagement by creating and improving website content, design elements, and user experience flows
 - Designing and developing a fully-responsive custom website using Node.js, Express, Jade/Pug templates, Sass, Bootstrap, and jQuery
- Data Analyst** *May 2015 - February 2016*
University of Illinois Extension *Urbana, IL*
- Created a custom Python tooling workflow for quickly generating sets of spatial data visualizations using Esri ArcGIS
 - Developed a data entry CRUD web application using Python (Flask) and JavaScript
 - Managed a variety of statewide spatial datasets using Python and Excel
- Activities**
- The Urban and GIS Group** *February 2015 - May 2016*
Treasurer
- Collaborated with group leaders to plan technology workshops and outreach events
 - Presented technologies related to geospatial data and web mapping, such as Leaflet, Mapbox, CartoDB, ArcGIS, and Python
- Pizza FM** *September 2013 - December 2014*
Radio Personality, Web Developer
- Hosted a weekly two-hour college radio show emphasizing new and local music
 - Developed a mobile website using HTML, CSS, jQuery Mobile, and a RESTful API