

Clayton M. Locher

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

Projects

Heartland Cooking & Living

January 2016 - Present

- Designing and developing a responsive, database-driven culinary website and custom content management system using Node.js, Express, and Firebase
- Working closely with project stakeholders to reconcile business requirements with the latest technical solutions for website performance, brand development, and SEO
- 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, Gulp, npm, and Git

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 REST API using MVC architecture
- Built a responsive front-end interface using AngularJS, Sass, and Leaflet

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
- Managed a variety of statewide spatial datasets using Python and Excel
- Developed a data entry CRUD web application using Flask and JavaScript

Activities

The Urban and GIS Group

Treasurer

February 2015 - May 2016

- 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

Radio Personality, Web Developer

September 2013 - December 2014

- Hosted a weekly two-hour college radio show emphasizing new and local music
- Developed a mobile website using HTML, CSS, jQuery Mobile, and a REST API

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)