Katharine Wagner

Austin, Texas

Technical Skills

JavaScript (ES5 & ES6), PHP, jQuery, React, Laravel, MongoDB, Mongoose, Sequelize, MySQL, AJAX, API's, Python, MySQL, SAS, Handlebars, Socket.io Node, Passport, Express, Github (version control), HTML5, and CSS3. Additionally, knowledgeable in economics, statistics, and litigation.

Applications

Kinnections *:* Connects potential workout partners based on age, gender, location, and workout preferences. Users can choose to reject or "kinect" other users and chat with matches.

- Structured database of user information and interactions in MySQL with Sequelize and wrote corresponding API Queries
- Rendered data into Front End Developer's design with JavaScript/jQuery
- Integrated Socket.IO and debugged server conflicts

NoFret *:* Guitar players can learn scales with an interactive guitar fret, write guitar tabs, and listen to projects

- Utilized React framework to generate dynamic components, from notes to measures
- Translated data input to music with Midi Sounds library
- Incorporated NPM passport into React for user login

TruValue *:* HEDNA Hackathon entry earning first place at conference. Created web app for more dynamic hotel loyalty programs

- Collaborated with User Experience Designer and Backend Developer to build app in 36 hours
- Coded the front end logic and user experience in JavaScript, HTML/CSS
- Crafted API's in AJAX to call data from Splunk Server
- Presented Project to Hackathon judges and HEDNA conference attendees

PolitiPurple *:* Provides article based on user search term, user selected source, and additional source of opposite political alignment

- Designed user-experience and rendered data from multiple API's
- Created Data Visualization with Canvas JS
- Implemented responsive design using media queries

Experience

Senior Consultant*,* The Claro Group — Austin, TX — June 2014 to December 2017

- Quantified damage estimates with regressions and other data modeling techniques
- Created structured datasets from unstructured sources using SAS, Python, ABBYY Fine Reader
- Managed research projects for multiple managers across offices and time zones
- Wrote data portions of expert reports for matters of anti-trust, patent violations, breach of contract, trade disputes, etc.
- Co-authored article on international implications of the Lanham Act for General Counsel

Education

University of Texas - Austin, TX - Coding Bootcamp, January to April 2018

- A twelve week boot camp specializing in full stack web development

University of Texas - Austin, TX - Master of Arts in Economics, June 2013 - May 2014

University of Mississippi - Oxford, MS - Bachelor of Arts in Economics, June 2009 - May 2013