

# Katharine Wagner

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An experienced Technical Solutions Consultant with strong expertise in programming, front-end solutions, and customer support. Adept at coaching customers to assist with custom development projects and integrations. Experienced in working independently or within a team environment.

## Technical Skills

JavaScript (ES5 & ES6), Python, jQuery, React/Redux, Node.js, SASS/LESS, Handlebars.js, HTML5, CSS3, socket.io, API consulting and utilization, MongoDB, Mongoose, Sequelize, MySQL, Passport, Express, Github (version control), and SAS (Statistical Analysis System). Additionally, experienced in economics, statistics, and litigation.

## Professional Experience

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**Front-End Solutions Consultant**, Spredfast — Austin, TX 2018

- Coded front-end solutions for Spredfast customers in need of customized product enhancements, primarily written in JavaScript and HTML/CSS
- Strategized with customers and internal teams on how to best use products and API's to realize customers' creative goals
- Developed (front-end and back-end) web applications to help internal strategy team improve processes
- Coached customers on using Spredfast API's for their integrations and custom development projects
- Designed dashboards and other visualizations for customers with pressing deadlines

**Economic Data Analyst**, The Claro Group — Austin, TX 2014 to 2017

- Quantified complex damage estimates for clients in the midst of litigation with regressions and other data modeling techniques
- Structured usable 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, and others
- Co-authored article on international implications of the Lanham Act for *General Counsel Magazine*

## Notable Applications

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

- Crafted reusable, scalable components in React to render user input as sheet music
- Wrote algorithm to translate user input into musical notes with Midi Sounds library
- Integrated NPM passport into React for user login

**Kinnections:** *Connects potential workout partners based on age, gender, location, and workout preferences.*

- Designed database of user information and interactions in MySQL with Sequelize
- Wrote API Queries and rendered data into design with JavaScript/jQuery
- Integrated socket.io for chat application and debugged server conflicts

**TruValue:** *HEDNA Hackathon entry earning first place at conference*

- Collaborated with User Experience Designer and Backend Developer to build app in 36 hours
- Transformed design into web application and wrote API calls to Splunk server
- Presented project to hackathon judges and HEDNA conference attendees

## Education

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**Full Stack Development Bootcamp**, University of Texas - Austin, TX - 2018

**Master of Arts in Economics | Coding Bootcamp**, University of Texas - Austin, TX - 2014

**Bachelor of Arts in Economics**, University of Mississippi - Oxford, MS - 2013