

Languages & Frameworks:

JavaScript, Ruby, Python, BASH. React.js, Redux. Node.js, Express.js. Ruby on Rails. SQL, Mongo. Git, NPM.
HTML5, CSS3 UI/UX, Mobile-First, Responsive Design. Linux! Decade+ Debian Daily Driver, Raspberry Pis, live servers.

Education:

App Academy | San Francisco, California

November 2019

Full-Stack Web Development, Algorithms, Data Structures, Object-Oriented Programming, Test-Driven Development.

Wesleyan University | Middletown, Connecticut

May 2012

BA in Latin American Studies; advanced coursework in Spanish Language, Philosophy, and Astronomy.

Semester Abroad in Buenos Aires, Argentina; Spanish immersion with local universities UBA and UCA, NGO internship.

Projects:

transitYourself - Live tracking and arrival times for every GPS enabled transit agency in the Bay Area. [Live](#) | [Github](#)

- Developed an efficient search function handling thousands of stop objects, anticipating input for rapid results.
- Accessed the Google Cloud API to generate and display accurate embedded maps for geographic context.
- Engineered extensible React components to facilitate display of different agencies and reporting formats.
- Combined the 511.org open data API with sensible defaults to intelligently infill incomplete transit data.

infraRead - Up-to-the-minute wildfire tracking displays multiple data sources cleanly and accessibly.

- Integrated hotspot detections from a NASA API for infrared camera satellites with GIS data.
- Researched and accommodated government services to directly access critical time-sensitive information.

nurdCamp - A clone of Bandcamp. A React/Redux single-page app with a Ruby on Rails backend.

[Live](#) | [Github](#)

- Implemented API formatting JSON output with Jbuilder to pre-flatten the application state for the Redux store.
- Replicated the styling of the official Bandcamp website through painstaking CSS inspection and manipulation.

hyenaHum - The HTML5 WebAudioAPI with custom controls scripted by JavaScript's DOM methods. [Live](#) | [Github](#)

- Designed intuitive HTML elements for media control, replacing the default audio player with a custom UI.
- Integrated the WebAudioAPI to mix and master multiple tracks and sources, including specific colors of noise.

Outfitter - An original concept; our group built a wardrobe tracking outfit generating app. MERN stack. [Live](#) | [Github](#)

- Personally managed and engineered the majority of the site and its features, delegated tasks to a team of four.
- Leveraged advanced React lifecycle methods to conditionally render, for a seamless and accurate display.
- Designed a live filter for flexibility and extensibility, boolean logic efficiently filters the props arrays.

Employment:

Donor Relations Intern

July 2010 - December 2010

HelpArgentina NGO: Buenos Aires, Argentina

- Coordinated network of hundreds of charities and managed their transparency documentation.
- Responsibilities included digitalization and media, as well as onsite technical support - all work in Spanish.

Academic Tutor - Mathematics, Foreign Languages, Multimedia

January 2011 - May 2014

Berkeley, CA; Middletown, CT; Brooklyn, NY

- Instructed preparatory mathematics to disadvantaged public school students for the SAT and the NYS Core Test.
- I have also taught foreign languages, English language literacy, digital multimedia, and more.

Law Office Assistant

August 2014 - May 2019

Wahrhaftig Law Offices: Oakland, CA; KJH Family Law: Richmond, CA

- Legal, Clerical, and Technical Support, Office IT: Digitalization, archiving, data integrity & security, backup & web.
- Catalogued over 150 years of files with OCR and BASH scripting to incorporate data from typewritten records.