

Andrea Wayte

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Technologies

Strong: Javascript, ES6, React, jQuery, **Experienced:** Ruby on Rails, APIs, Python, **Tools:** Git, Github, HTML5, CSS3, AJAX, Axios, Bootstrap, Flask, UI/UX, SQLite3, C, Jinja2, Wordpress, Meistertask, Linux, OOP, XMLHttpRequests, Chrome Node.js, Redux, MySQL, Chrome Developer sFTP/Filezilla, GIMP, Extensions, Agile Development Tools, Apache, AWS EC2, Heroku, Flexbox JSDocs

Applications Developed

Close Your Tabs | Javascript, React.js, XHR, Chrome Platform API, Chrome extension, Node.js, MySQL, Google OAuth, HTML5, CSS3, Agile Development, Git, JSDocs

- A web application combined with chrome extension to help users track the time of each tab.
- Designed and developed **Chrome extension** using **Javascript** and implemented **XHR** requests to send tab data collected to remote server, then pass data between scripts using port messaging.
- Used **JSDocs**, **Meistertask**, **Git** and **Github** to increase group productivity and readability.
- Used **Chrome Platform APIs** to track the changes the user makes and send information to server.
- Developed **React** component as well as debug both server and client side errors from API requests.

Beets and Eats | Google Maps API, AJAX, Javascript, JQuery, HTML5, CSS3, Git, JSDocs

- A web application to help users plan an evening of food, drinks and entertainment.
- Designed client-side rendering of Yelp and Ticketmaster search results using the **Google Maps API** which uses coordinates to populate the map with markers of nearby food and drink places.
- Create DOM elements using **jQuery** to display all locations from **Yelp API** onto the map.

Memory Match | Python, Flask, Jinja2, Javascript, HTML5, CSS3, Heroku, Git

- Built a memory match game featuring elements of the periodic table using **OOP** to drive logic flow and DOM events, using **git** and **Heroku** CLI to deploy.
- Developed **Flask** application and used **Jinja** templating to create **DRY** code for **HTML** templates.
- Incorporated **Agile** development to implement increasingly difficult **Javascript** logic and functions.

Santa Barbara Bike Parks | Wordpress, CSS3, Filezilla

- Developed a **Wordpress** website using a child theme to incorporate **CSS**.
- Deployed to server, and use **sFTP** and **Filezilla** to transfer files.

Professional Experience

Website and Social Media | Santa Barbara Mountain Trail Volunteers | 2017 - Present

- Create and design Wordpress website to provide information about new city project.
- Analyze data from MailChimp to create and send group emails at peak hours.
- Implemented Instagram and more Facebook posts to increase attendance at local events.

Garden Educator | Explore Ecology | 2017

- Develop engaging and thematic lessons to all elementary aged students.

Middle School Science Teacher | New Brighton Middle School | 2014 - 2016

- Used hands on labs, online simulations and research to teach Chemistry, Physics and Biology.

Education

Masters in Education | Science Teaching Credential, University of California Santa Cruz

Bachelors of Science | Marine Biology, University of California Santa Cruz

Learning Fuze | Accelerated Web Development Program

Introduction to Computer Science | Harvard CS50 - EdX