

Javier A. Mondragon

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Education:

University of California, Davis – *Bachelor's of Science in Neurobiology, Physiology, and Behavior* (2011)

Contact Information:

Linkedin: <https://www.linkedin.com/in/javier-mondragon-7b471719b/>

GitHub: <https://github.com/javimarashall>

Portfolio: <https://javimarashall.github.io/Updated-Portfolio/>

Full Stack Developer Student

March 2021 - June 2021

Languages/Technologies:

HTML5, Cascading Style Sheets (CSS), Bootstrap CSS Framework, Bulma CSS Framework, Javascript, Web API, JQuery, Server Side API, AJAX / Fetch, JSON, Git, GitHub, Pseudocode, VS Code, Node.JS, Express, SQL, MySQL, handlebars, MVC, Sequelize, ORM

Full Stack Developer projects:

Up For Beer Review - Up For Beer Review was a collaborative project between Marko Sanchez, Javier Mondragon Fuentes, and Thomas Peeler. The concept for the project was a full stack application where the user would be able to interact with multiple “brews” or products, as well as make their own, and then write reviews for each one of those brews.

Technologies used:

- Handlebars - Used to create the visual layout of the site and create partials to hold database info
- CSS - Used to style the HTML code
- Javascript - Used to enhance the application and fetch API
- GitHub - Used to store the repository in the cloud
- Git - Used to push edits up to the GitHub repository
- Anime.js - Used to create animated logo on the page's header
- Sequelize - Used to create models and control flow of data in the site
- mySQL - Used as the database to seed data into and hold all necessary information
- Express - Used for routing and creating connections between different processes and pages
- Nodejs - Used to be able to run all necessary processes through command line

Trail Scout – Trail scout is an interactive application that allows users to search for biking or hiking trails from all over the world. The user can search for trails by entering the name of a city and the application returns trails within 100 mile radius and weather information. When a user clicks on a specific trail, the page takes the user to a details page of the trail and also a 5 day weather forecast specific to the trail.

Technologies used:

- HTML - Used to write the code for making the website
- CSS - Used to style the HTML code
- Javascript - Used to enhance the application and fetch API
- JQuery - Used to write javascript syntax
- GitHub - Used to store the repository in the cloud
- Git - Used to push edits up to the GitHub repository
- Open Weather Map API - Used to fetch the weather data used for the application
- Sweet Alert - Used for user validation
- Open Weather API - Used to retrieve weather data
- Trail API - Used to fetch trail data
- Fetch - Used to send fetch to API
- Bulma - Is a free open source CSS framework
- Deployed Link: <https://markkhoo.github.io/Trail-Scout/>

Weather Dashboard: Is an application that allows users to search for the current weather and also a 5 day forecast for any city in the world. The application displays current temperature, humidity, wind speed, UV index, weather icons, and a 5 day forecast.

Technologies Used:

- HTML - Used to write the code for making the website
- CSS - Used to style the HTML code
- Javascript - Used to enhance the application and fetch API
- GitHub - Used to store the repository in the cloud
- Git - Used to push edits up to the GitHub repository
- Open Weather Map API - Used to fetch the weather data used for the application
- Deployed Link: <https://javimarashall.github.io/Weather-Dashboard/>

Daily Planner: Is an application where the user can log their activities for the day. The application displays business hours from 9am-5pm and when the user enters a to do, the applications saves the information. A cool feature of the application is that it is color coordinated, meaning that future time blocks are green and past time blocks are gray.

Technologies Used:

- HTML used to write the code for the daily planner
- CSS used to style the code written on the HTML
- Java Script - Used to create the advance layout of the application
- Git - Used for pushing data up to the repository
- GitHub - Used for publishing the application
- VS Code - Software used for writing the code for the site
- Moment.js - Used to fetch information about the time of day
- Deployed Link: <https://javimarashall.github.io/Daily-Planner/>

Professional Brewer:

EJ Phair Brewing Company – Pittsburg, CA

Head Brewer

August 2019 - March 2020

- Experience managing a 30 bbl brew house
- Responsible for recipe formulation of new beers
- Responsible for production schedule
- Experience handling yeast
- Experience with inventory of beer, ingredients, chemicals, cooperage, gaskets, etc.
- Experience purchasing ingredients, chemicals, gaskets, etc.
- Ability to prioritize tasks on a daily and weekly basis
- Ability to manage staff
- Ability to work with other breweries for contract brewing
- Extensive experience training staff on new tasks
- Ability to troubleshoot equipment on the go
- Ability to give presentations and tours
- Extensive customer service
- Ability to collaborate with other breweries

Assistant Brewer

January 2019 - August 2019

- Experience with fermentor CIP using caustic, acid and PAA
- Experience with kettle and mash tun CIP
- Experience using a mill and agar for up to 2600 lbs of grain
- Knowledge of packaging draft, cans, and bottles
- Extensive experience using a microscope, pH meter, DO meter, CO2 meter
- Experience with cell counts and viability test
- Knowledge on how to use water testing kits for proper concentration of calcium, chloride, magnesium, sulfates, calcium hardness, alkalinity, and sodium ions.

Trumer Pils Brauerei Berkeley, CA

October 2018 – January 2019

- Knowledge of packaging draft into ¼ barrel kegs and ½ barrel kegs
- Experience with canning using Wild Goose Canner
- Experience bottling using Krones bottling line
- Experience using CIP systems and titrations to assure proper concentrations of chemicals for the CIP
- Ability to operate a forklift and pallet jack
- Experience filtering 600 bbl of beer with a centrifuge
- Experience filtering 600 bbl of beer with a Spadoni DE filter
- Excellent communications and organizational skills

**Lab Assistant III – UC Davis FCCL
Byron, CA**

March 2012 – October 2018

- Started as a Lab Assistant I and earned promotions to Lab Assistant III
- Responsible for water quality of the laboratory such as measuring dissolved oxygen, pH, nitrogen, salinity, etc.
- Experience working with spectrophotometer
- Responsible for water temperature control of our systems
- Record, download, analyze, and write reports on collected data
- Knowledge of basic plumbing skills
- Adhere to and follow lab safety procedures daily
- Organizer/Planner for facility meetings and special events
- Developed the laboratory website and logo
- Ability to write and follow SOPs
- Learned safe and proper tank maintenance without harming live fish

**Transit Driver – ASUCD Unitrans
Davis, CA**

Sept. 2008 – Dec. 2011

- Safe transportation of passengers
- Practiced excellent customer service skills, problem solving skills, practice of numerous safety procedures, excellent communication skills, working under a rigid time schedule, making important decisions with a clear mind under pressure and unpredicted circumstances

Homebrewer Experience:

- Passionate about beer and brewing process
- 7 years as an all grain homebrewer with over 150 successful batches
- Extensive knowledge of the overall brewing process
- Complete understanding of the importance of cleanliness and sanitation throughout the brewing process
- Intensely detail oriented, aims for an error free brewing process

- Aims for a quality product free of off flavors such as DMS, diacetyl, bacterial contaminations, and other off-flavors in every batch
- Understanding of the significance of temperature control, yeast quality, brewing water, and high-quality ingredients has on a quality brew
- Knowledge of draft systems
- Multiple awards in lager and ale competitions
- Built my own home brewing system and kegerator
- In the process of going through the Beer Judge Certification Program (BJCP)
- American Homebrewer's Association member for 3rd year in a row
- Member of Ripon Brewins homebrew club where I enjoy learning and tasting off-flavors from certified BJCP judges
- I've developed and posted YouTube videos on how to brew including how to put together a recirculating infusion mashing system which has gained thousands of views