

Emiko Nagasawa-Pijoan

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FULL STACK SOFTWARE ENGINEER

Experience with Ruby on Rails, React, and Javascript with a Bachelors in Chemistry from UC Santa Cruz. A passion for creating innovative applications to solve real-world problems. Strong background in chemistry results in excellent analytical and problem-solving skills. Looking for opportunities to implement my rockstar organizational and analytical skills as a software engineer.

TECHNICAL SKILLS

Ruby, JavaScript (ES6), Rails, Sinatra, SQL, HTML, CSS, React, Git, Redux, PyMol molecular modeling software

TECHNICAL PROJECTS

Recipe Box [Github](#) | [Demo](#)

Recipe box is a SPA application that allows users to save, add, and create recipes online.

- Modeled custom database schema using Active Record and Rails API backend
- Presented a rich interactive UI on the frontend using JavaScript React framework with Redux and Thunk middleware
- Implemented JWT authorization token login using jwt gem on backend

My Travel Journal - [Github](#) | [Demo](#)

SPA application which allows the user to plan trips with locations and transportation and keep photos and journals of their travels.

- Modeled a complex custom database schema and RESTful routing using SQLite and Active Record in Rails
- Presented a rich, interactive UI using an Object-Oriented JavaScript, CSS, and HTML frontend

EXPERIENCE

Stone Mountain and Daughter Fabrics

Berkeley, CA

Sales Associate

July 2019- Nov 2020

- Implemented new guidelines for packaging and processing online orders. Used Shipstation software to reduce errors, increase efficiency, and shorten turnaround times from 5 to 2 days.
- Implemented new techniques for pulling and cutting fabrics ensuring customer satisfaction, and reducing errors.

Lawrence Hall of Science

Berkeley, CA

Biotech Lab and Animal Discovery Volunteer

January 2019-Present

- Developed new exhibits under Biotech Lab lead Lee Bishop to expand scope of information presented.
- Facilitated self-guided educational activities with children increasing children's understanding of STEM related concepts.

UC San Francisco - Gender Studies & Science

San Francisco, CA

Dr. Anessa Flentje - Sexual and Gender Minority Health Equity Lab Intern

July 2017-August 2017

- Execute data entry for clinical studies using Excel to streamline data analysis for Dr. Flentje.
- Executed Web-based research tasks, locating gene databases and running PubMed searches.

EDUCATION

Flatiron School

Online

- Full time software engineering course

January 2021 – June 2021

University of California at Santa Cruz

Santa Cruz, CA

- Bachelor of Science in Chemistry - concentration in Biochemistry
- Secretary of UCSC Fencing Club (2014-2017)

September 2013-June 2018