JOSEPH SANDOVAL

(530) 844-3137   josephasandoval17@gmail.com   Alameda, CA   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

ES6 JavaScript, React, Redux, HTML, CSS, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, MySQL, PostgreSQL, Webpack, jQuery, Git, Heroku, JSON, Jest, RSpec, Test Driven Development, AWS, Tableau, Excel, Python, Debugging Skills, Pair Programming

EDUCATION

Full-Stack Web Development - App Academy   Mar 2021
Immersive Software Engineering Bootcamp with a focus on full-stack web development, which entailed 1000+ hours of coding
B.A. Biochemistry and a Minor in Education - University of California, Berkeley   Aug 2018
Awarded the Bill Gates Millennium Scholarship, which is a full-ride undergraduate scholarship

PROJECTS

VOLTA   (JavaScript, React, Redux, Ruby, Rails, HTML, CSS, PostgreSQL)   Live | Github
Full-Stack Web Application Clone of Tesla
- Streamlined communication between backend and frontend architecture by leveraging **Redux single-state management**
- Incorporated stylistic features of Tesla by using **HTML/CSS, FlexBox, and Material UI**
- Served a single page web app from a PostgreSQL database by integrating **Ruby on Rails RESTful API**
- Integrated Ruby on Rails ActiveStorage by compressing image files and **storing them in S3 for greater scalability**
- Retrieved the product images needed from Tesla by **writing a python script**

MIDNIGHT DEFENSE   (JavaScript, HTML, Canvas, CSS, Webpack)   Live | Github
Pure Vanilla JavaScript 2D Tower Defense Game
- Incorporated continuous animation playback loop by using **HTML Canvas and conditional logic**
- Created an interactive game with mouseover and click events by using **JavaScript HTML DOM EventListeners**
- Allowed users to continuously add characters while updating the game field by utilizing an **event-driven paradigm**

ONEROOF   (JavaScript, React, Redux, MongoDB, Express.js, Node.js, HTML, CSS)   Live | Github
MERN-Stack Web Application Solution for Household Task Organization
- Eliminated extraneous components and streamlined user authentication by building custom **React routes and using the React-Router-Dom**
- Stored our records without worrying about the data structure such as the number of fields or types of fields to store values by **taking advantage of a NoSQL data store called MongoDB**
- Aggregated team feedback towards a stronger product by learning how to **collaboratively develop project criteria**

PROFESSIONAL WORK EXPERIENCE

Strategic Accounts Specialist
Penumbra Inc: Innovative Medical Devices   Jan 2019 - Nov 2020
- Ensured the smooth processing of group purchasing contracts with hospital systems by **tracking and updating pricing data in an ERP system** for each pricing agreement, special offer, Group Purchasing Organization (GPO) tier, and GPO designation
- Maintained business relations with 3000+ accounts by **analyzing the sales impact of GPO tier changes and pricing requests**
- Generated around a 25% increase in new business by **creating cost savings analysis, business reviews, and rebate reports from sales data and market research**

Biochemical Researcher
Professor Fenyong Liu's Lab   Feb 2015 - Dec 2017
- Investigated Kaposi's sarcoma-associated herpesvirus (KSHV) with a team of undergraduate and graduate students by **creating histograms, scatter plots, and other graphical representations of the data that was collected using excel**
- Fostered a more positive and productive work-team environment by **presenting progress reports of our research, creating documentation, and maintaining easily accessible notes** for my colleagues