Alvin Balmeo

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linkedin.com/in/alvinbalmeo | github.com/abalmeo | abalmeo.github.io/portfolio

Education

University of California, San Diego
The Coding Bootcamp - Full Stack Web Development   July 2018

University of California, Berkeley
B.A. Integrative Biology   August 2016
- *Leadership:* Secretary, Pilipino Association for Health Careers

Technical Skills

JavaScript	HTML	CSS	React.js
Handlebars.js	MongoDB	MySQL	Firebase
Node.js	Express.js	Socket.IO	Postman
Git	RESTful APIs	Ajax	MVC

Projects

Hobbyist : https://mysterious-meadow-91336.herokuapp.com/
Social media application that allows a user to connect with other users by teaching or learning a new skillset.
- Worked in a team with three other web developers using React, MongoDB, and Node.
- Designed RESTful API routes to receive requests, retrieve data, and render data to the front-end
- Utilized Passport with JSON web tokens for user authentication
- Designed the Edit Profile and Search components and incorporated Axios for HTTP requests

BeerMappSD : https://glacial-cove-37095.herokuapp.com/
Web application allowing users to find and save San Diego breweries or query beers and descriptions using RateBeer API
- Implemented bCrypt and Passport for user authentication and persistent log-in sessions
- Configured MySQL database, enabling rapid access to personalized user data
- Integrated semantic templating with Handlebars.js to display breweries users visited

NBA Giphy : https://abalmeo.github.io/nba/
Interactive gif search application allows users to search for NBA gifs using the Giphy API
- Developed front-end using HTML, CSS, and JavaScript for seamless organization and visualization of gifs

Professional Experience

Crown Bioscience
Assistant Study Director   July 2017 - Present
- Directing teams of 2 to 4 research associates for the execution of client studies
- Developing tools and operating procedures to improved workflow accuracy and efficiency
- Successfully managed 20 to 30 projects netting 100,000-200,000 in revenue per month
- Spearheaded the development of the immuno-oncology Muprime platform to increase CrownBio's portfolio

Research Associate I   November 2016 – July 2017
- Successfully performed 8-10 pharmacology studies testing efficacy and tolerability in the murine model
- Introduced a scheduling template for the technical team that improved the operations of weekends tasks
- Provided detail-oriented data in compound formulation and test agent administration

Research Associate Intern   October 2016 – November 2016
- Conducted 1-2 studies testing the efficacy and tolerability of pharmacology compounds in immunocompromised mice
- Implemented system of organizing chemical reagents for In-Vivo department