Alvin Balmeo

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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
Social media page for users to learn and share skills to other individuals
- Designed Express.js backend to receive API calls
- Utilized JSON web tokens to store and retrieve data with MongoDB
- Modularized profile by creating reusable React components

BeerMappSD
Web application allowing users to search San Diego breweries and query beers from RateBeer API
- Implemented bCrypt and Passport for user authentication and persistent log-in sessions
- Modeled MySQL database, enabling rapid access to personalized user data
- Optimized display of breweries visited using Handlebars.js

NBA Giphy
Provides users with NBA gifs using the Giphy API
- Constructed front-end using HTML, CSS, and JavaScript for seamless organization and visualization of gifs
- Engineered Ajax calls to retrieve NBA gifs

Professional Experience

Crown Bioscience
Assistant Study Director   July 2017 - Present
- Directing the development of the MuPrime platform to increase Crown Bioscience San Diego research capabilities
- Successfully managed 20 to 30 projects netting 100,000-200,000 in revenue per month
- Supervising teams of 2 to 4 associates for execution of client studies
- Developed tools and operating procedures that improved workflow accuracy and efficiency

Research Associate I   November 2016 – July 2017
- Performed therapeutic preclinical testing with patient-derived xenograft cancer models with 8 to 10 projects
- Provided detail-oriented data in formulation, dosing, and monitoring of studies

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