

Alvin Balmeo

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San Diego, CA

LinkedIn:

[linkedin.com/in/alvinbalmeo](https://www.linkedin.com/in/alvinbalmeo)

Portfolio:

abalmeo.github.io/portfolio

Github:

github.com/abalmeo

Technical Skills

JavaScript	HTML5	CSS3
React.js	Redux	Node.js
Express.js	MongoDb	MySQL
Mocha	Chai	Jest

Education

Certification

Full Stack Web Development

UCSD | 2018

Bachelor of Arts

Integrative Biology

UC Berkeley | 2016

Expertise

Fullstack Web Development

Project Management

Data Analysis

Volunteer/Organization

Pilipino Assoc. For Health Careers

Medical Mission | 2016

Secretary | 2015

External Affairs Committee | 2014

Pump Committee | 2013

Work Experience

Backend Software Engineer

Kitu Systems | 2019-Current

- Utilizing white box testing to debug and develop software features
- Implementing REST api services
- Developing and increasing unit and integration test coverage using BDD frameworks: Mocha, Chai, and Jest
- Improving efficiency and readability of legacy code through refactoring, optimization, and documentation using Node.js
- Conceptualized and implemented a JSON to XML schema validator for HTTP/HTTPS requests that is used in 20+ schema files

Assistant Study Director

Crown Bioscience | 2016-2019

- Directed teams of 2 to 4 research associates for the execution of pre-clinical oncology studies
- Created tools and operating procedures that resulted in improved workflow efficiency
- Created a shipping and documentation generator that led to increased productivity and reduction in manual error

Projects

Developer Network

social-network-platform.herokuapp.com | github.com/abalmeo/socialnetwork

- Professional network to connect developers
- Developed application with React, Redux, MongoDB, Express, and Node
- Utilized functional components with React hooks

Hobbyist

mysterious-meadow-91336.herokuapp.com | github.com/abalmeo/hobbyist

- Social media platform allowing users to connect and share skills
- Developed with MongoDB, Express, React, and Node
- Implemented RESTful API endpoints to retrieve and render user data
- Utilized Passport with JSON web tokens for user authentication
- Designed Edit Profile and Search components

BeerMappSD

glacial-cove-37095.herokuapp.com | github.com/abalmeo/beerapp

- Web Application allowing users to find and favorite San Diego Breweries
- Created with Javascript, Handlebars.js, MySQL, and Node
- Configured bcrypt and Passport for user authentication
- Modeled MySQL database
- Integrated Semantic templating with Handlebars.js to display breweries favorited

NBA Giphy

<https://abalmeo.github.io/nba> | github.com/abalmeo/nba

- Interactive search tool displays NBA gifs with Giphy API
- Built with HTML, CSS, and Javascript
- Designed front-end to display first ten gifs from search
- Enabled pause and play feature for each gif